WASHINGTON STATE DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE
15 W YAKIMA, SUITE 200
YAKIMA, WASHINGTON 98902

IN THE MATTER OF THE COMPLIANCE BY	)	AIR OPERATING PERMIT &
GOLDENDALE GENERATING STATION.	)	PHASE II ACID RAIN PERMIT
with Section 70.94.161 RCW, Operating Permits for	)	No. 06AQ-C025 Second Revision
Air Contaminant Sources, and the applicable rules and	)	
regulations of the Department of Ecology	)	**FINAL** PERMIT

To: Goldendale Generating Station
600 Industrial Way
Goldendale, WA 98620

Issuance Date: December 23, 2008
Effective Date: October 23, 2008
Expiration Date: January 4, 2012

Responsible Officials & Acid Rain Program Designated Representatives:
L.E. Odom, Director, Thermal and Wind Assets, Puget Sound Energy

Source Location: This Permit applies to Goldendale Generating Station, located at 600 Industrial Way, in Goldendale, Washington.

Acid Rain Program Affected Source: Goldendale Generating Station is an Acid Rain Program affected source identified as ORIS Code 55482. For purposes of the Acid Rain Program, the natural gas fired combustion engine and the auxiliary Duct Burner are one affected unit. The affected unit commenced operation on **July 10, 2004**. The affected unit commenced commercial operation on **August 9, 2004**. The deadline for monitor certification was **November 8, 2004**.

Legal Authority: This AIR OPERATING PERMIT is issued under the authority and provisions of the Federal Clean Air Act, (42 U.S.C. 7401, et seq.), the Washington Clean Air Act, Chapter 70.94 Revised Code of Washington and the Operating Permit Regulation, Chapter 173-401 Washington Administrative Code.

The ACID RAIN PROGRAM portion of this permit is issued under the authority and provisions of the Federal Clean Air Act, (42 U.S.C. 7401, et seq.), and the Washington Clean Air Act; chapter 70.94, Revised Code of Washington, and chapter 173-406 Washington Administrative Code, Acid Rain Regulation.

Hereinafter, Goldendale Generating Station is called the permittee. The permittee, and designated representatives are required to comply with the provisions contained within this permit.

The original permit was dated at Yakima, Washington on the 5th day of January, 2007. An administrative amendment, per WAC 173-401-720, to update the responsible official/designated representative, was dated at Yakima, Washington on this 23rd day of October, 2007. This administrative amendment, per WAC 173-401-720, to update the load allowed under condition 5.2.7, was dated at Yakima, Washington, on this 23rd day of December, 2008.

REVIEWED BY:_____
Lynnette A. Haller, PE
Central Regional Air Quality Section
Department of Ecology
State of Washington

APPROVED BY:_____
Susan M. Billings
Section Manager
Central Regional Air Quality Section
Department of Ecology
State of Washington

TABLE OF CONTENTS

LIST OF ABBREVIATIONS **4**

AIR OPERATING PERMIT CONDITIONS **6**

1.0 PERMIT PROVISOS **6**

1.1 PERMIT SHIELD 6
1.2 SEVERABILITY 6
1.3 PROPERTY RIGHTS 6
1.4 TRANSFER OF OWNERSHIP OR OPERATION 6
1.5 EMISSIONS TRADING 6
1.6 ENFORCEABILITY 6
1.7 GENERAL OBLIGATION 6
1.8 REASONABLY AVAILABLE CONTROL TECHNOLOGY 6
1.9 NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE 6
1.10 PERMIT ACTIONS 6
1.11 PERMIT CONTINUATION 6
1.12 PERMIT APPEALS 7

2.0 PERMIT ADMINISTRATION **7**

2.1 DUTY TO COMPLY 7
2.2 INSPECTION AND ENTRY 7
2.3 PERMIT FEES 8
2.4 DUTY TO PROVIDE INFORMATION 8
2.5 RECORDKEEPING 8
2.6 REPORTING 8
2.7 EXCESS EMISSIONS 9
2.8 SUBMITTALS 9
2.9 EMISSION INVENTORY 10
2.10 PERMIT RENEWAL AND EXPIRATION 10
2.11 OFF-PERMIT CHANGES 10
2.12 CHANGES NOT REQUIRING PERMIT REVISIONS 11
2.13 REOPENING FOR CAUSE 12
2.14 NEW SOURCE REVIEW 12
2.15 REPLACEMENT OR SUBSTANTIAL ALTERATION OF EMISSION CONTROL TECHNOLOGY 12
2.16 DEMOLITION AND RENOVATION 13
2.17 FEDERAL CFC REQUIREMENTS 13

3.0 OPERATIONAL FLEXIBILITY **13**

4.0 COMPLIANCE PLAN **13**

COMPLIANCE CERTIFICATION 14

5.0 APPLICABLE REQUIREMENTS **15**

5.1 SOURCE WIDE 15
5.2 COMBUSTION TURBINE 24
5.4 COMBINED CYCLE UNIT 31
5.4A COMBINED CYCLE UNIT @ BASE LOAD 37
5.4B COMBINED CYCLE UNIT @ PEAK LOAD 39
5.5 BACKUP GENERATOR 40
5.6 FIREWATER PUMP 40

6.0 INAPPLICABLE REQUIREMENTS **41**

7.0 PHASE II ACID RAIN PERMIT **42**

7.1 SHIELD AND OBLIGATION 42
7.1.1 Permit Shield *42*

7.1.2 Permit Obligation *42*
7.2 STANDARD CONDITIONS 42
7.2.1 General Obligation *42*
7.2.2 Applicability *42*
7.2.3 Designated Representative *42*
7.2.4 Authorized Account Representative *42*
7.2.5 SO2 Allowances *42*
7.2.6 Permit Revisions *42*
7.2.7 Duty to Reapply *42*
7.3 MONITORING 43
7.3.1 Duty to Monitor *43*
7.3.2 Monitoring Provisions *43*
7.3.3 CEMS *43*
7.3.4 SO_2 Emission Monitoring *43*
7.3.5 NO_X CEMS *43*
7.3.6 Primary Equipment Performance Requirements *43*
7.3.7 CEMS Recertification *43*
7.3.8 Monitoring Plan *44*
7.3.9 Primary Equipment Hourly Operating Requirements *44*
7.3.10 CEMS Obligation *45*
7.3.11 Heat Input Measurement Requirement *45*
7.3.12 Minimum Measurement Capability Requirement *45*
7.3.13 Minimum Recording and Reporting Requirements *45*
7.3.14 Precision Criteria *45*
7.4 RECORDKEEPING 45
7.4.1 Record Retention *45*
7.4.2 CEMS Records *45*
7.4.3 General Recordkeeping *46*
7.4.4 Monitoring Plan Recordkeeping *46*
7.4.5 Emissions *46*
7.4.6 SO_2 Emissions *46*
7.4.7 SO_2 Allowances *46*
7.4.8 NO_X Emissions *46*
7.4.9 NO_X Mass Emissions *46*
7.4.10 Out-of-Control Periods and System Bias *46*
7.4.12 Missing Data Procedures for NOX *47*
7.4.13 NO_X Emission Controls *47*
7.4.14 Missing Data Procedure for Heat Input Determination *47*
7.4.15 Missing Data Procedures for Moisture *47*
7.5 REPORTING 47
7.5.1 Addresses *47*
7.5.2 Certification by Designated Representative *47*
7.5.3 Designated Representative Reporting *48*
7.5.4 Submission *49*
7.5.5 Monitoring Plan *49*
7.5.6 Quarterly Reports *49*
7.5.7 Excess Emissions Requirements *50*
7.5.8 SO_2 Emissions *50*
7.5.9 Annual Compliance Certification *50*
7.5.10 Duty to Update *50*

LIST OF ABBREVIATIONS

ASTM	American Society for Testing and Materials
ATS	allowance tracking system
Btu	British Thermal Units
°C	Degrees Celsius
CAAA	Clean Air Act Amendments
CEMS	continuous emission monitoring system
Cfm	cubic feet per minute
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO_2	carbon dioxide
dscf	Dry Standard Cubic Foot
dscfm	Dry Standard Cubic Foot per minute
Ecology	Washington State Department of Ecology
EPA	United States Environmental Protection Agency
°F	Degrees Fahrenheit
FCAA	Federal Clean Air Act
FDCP	Fugitive Dust Control Plan
ft^3	Cubic foot
gr/dscf	Grain per dry standard cubic foot
HCl	Hydrogen Chloride
hr	Hour
H_2S	Hydrogen Sulfide
HRSG	Heat recovery steam generator
IFF	independent power production facility
Kwh	kilowatt hour
lb	Pound
LFG	Landfill Gas
m^3	Cubic Meters
mg	megagram
MMBtu	Million Btu
M_{NMOC}	Total NMOC emission rate from the landfill
MSW	Municipal Solid Waste
MVAC	Motor Vehicle Air Conditioner
MWe	megawatt electrical
MWge	gross megawatt electrical
N_2	Nitrogen
NADB	national allowance data base
NESHAP	National Emission Standard for Hazardous Air Pollutants
NH_3	Ammonia
NIST	National Institute of Standards and Technology
NMOC	Non-Methane Organic Compound
NO	nitrogen oxide
NOC	Notice of Construction
NO_x	Oxides of Nitrogen
NSPS	New Source Performance Standard
O_2	Oxygen
O&M	Operation & Maintenance
PAH	Poly aromatic hydrocarbons
PCBs	Polychlorinated Biphenols
PE	Professional Engineer
PM	Particulate Matter
$PM_{2.5}$	Particulate Matter with aerodynamic diameter ≤ 2.5 micrometers
PM_{10}	Particulate Matter with aerodynamic diameter ≤ 10 micrometers
Ppm	parts per million
ppm_v	Parts per million by volume
ppm_{vd}	Parts per million by dry volume
PSD	Prevention of Significant Deterioration

Q	Flow
QF	qualifying facility
RACT	Reasonably Available Control Technology
RATA	relative accuracy test audit
RCW	Revised Code of Washington
RM	Reference Method
scfm	Standard Cubic Feet per Minute
SCR	Selective catalytic reduction
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
SO_X	Oxides of Sulfur
Std	at standard conditions
T	Temperature
TAP	Toxic Air Pollutant
TPD	Tons Per Day
TPY	Tons Per Year
TSP	Total Suspended Particulate
USC	United States Code
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
WAC	Washington Administrative Code
w%	Percentage by Weight
yr	Year

AIR OPERATING PERMIT CONDITIONS

1.0 **PERMIT PROVISOS**

1. 1 Permit shield.

1.1.1 Compliance with the conditions of this permit shall be deemed compliance with those applicable requirements that are specifically included in and identified in the permit as of the date of permit issuance. [WAC 173-401-640(1), 9/16/02]

1.1.2 The permit shield shall not apply to any insignificant emissions unit or activity designated under WAC 173-401-530. [WAC 173-401-530, 9/16/02]

1.2 Severability. If any provision of this permit is held to be invalid, all unaffected provisions of the permit shall remain in effect and be enforceable. [WAC 173-401-620(2)(h), 9/16/02; RCW 70.94.905, 2005 (S)]

1.3 Property rights. This permit does not convey any property rights of any sort, or any exclusive privilege. [WAC 173-401-620(2)(d), 9/16/02]

1.4 Transfer of ownership or operation. A change in ownership or operational control of this source is treated as an administrative permit amendment if no other change in this permit is necessary and provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to Ecology. [WAC 173-401-720(1)(d), 9/16/02]

1.5 Emissions trading. No permit revision shall be required, under any approved economic incentives, marketable permits, emission trading, and other similar programs or processes for changes that are provided for in this permit. [WAC 173-401-620(2)(g), 9/16/02]

1.6 Enforceability. All terms and conditions of the permit are enforceable by the EPA and citizens unless specifically designated as state (S) enforceable. [WAC 173-401-625, 9/16/02]

1.7 General obligation.

Exclusions. Nothing in this permit shall alter or affect the following:

1.7.1 The provisions of section 303 of the FCAA (emergency orders), including the authority of the administrator under that section;

1.7.2 The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

1.7.3 The applicable requirements of the acid rain program, consistent with section 408(a) of the FCAA;

1.7.4 The ability of EPA to obtain information from a source pursuant to section 114 of the FCAA; or

1.7.5 The ability of Ecology to establish or revise requirements for the use of RACT as provided in Chapter 252, Laws of 1993.

[WAC 173-401-640(4), 9/16/02]

1.8 Reasonably Available Control Technology. Emission standards and other requirements contained in rules or regulatory orders in effect at the time of operating permit issuance or renewal shall be considered RACT for purpose of permit issuance or renewal. This does not preclude RACT determinations under Section 8, Chapter 252, Laws of 1993, which shall be incorporated into an operating permit as provided in WAC 173-401-730. [WAC 173-401-605(3)l, 9/16/02; RCW 70.94.154, 2005 (S)]

1.9 Need to halt or reduce activity not a defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [WAC 173-401-620(2)(b), 9/16/02; NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.9.6]

1.10 Permit actions. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [WAC 173-401-620(2)(c), 9/16/02]

1.11 Permit continuation. This permit and all terms and conditions contained therein, including any permit shield provided under WAC 173-401-640, shall not expire until the renewal permit has been issued or denied if a timely and complete renewal application has been submitted. An application shield granted pursuant to WAC 173-401-705(2) shall remain

in effect until the renewal permit has been issued or denied if a timely and complete renewal application has been submitted. [WAC 173-401-620(2)(j), 9/16/02]

1.12 Permit appeals. You have the right to appeal this Permit to the Pollution Control Hearings Board. Pursuant to chapter 43.21B RCW, your appeal must be filed with the Pollution Control Hearings Board, and served on the Department of Ecology, within thirty (30) days of the date of your receipt of this document.

To appeal this action or decision, your notice of appeal must contain a copy of the Ecology order, action or decision you are appealing.

Your appeal must be filed with:

The Pollution Control Hearings Board
4224 - 6th Avenue SE, Rowe Six, Bldg. 2
P.O. Box 40903
Lacey, Washington 98504-0903

Your appeal must also be served on:

The Department of Ecology
Appeals Coordinator
P.O. Box 47608
Olympia, Washington 98504-7608

In addition, please send a copy of your appeal to:

Susan M. Billings
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

For additional information: Environmental Hearings Office Website: http://www.eho.wa.gov

This provision for appeal in this section is separate from and additional to any federal rights to petition and review under section 505(b) of the FCAA. [WAC 173-401-620(2)(i), 9/16/02; RCW 70.94.221, 2005 (S)]

2.0 PERMIT ADMINISTRATION

2.1 Duty to comply. The permittee must comply with all conditions of this WAC 173-401 permit. Any permit noncompliance constitutes a violation of Chapter 70.94 RCW and, for federally enforceable provisions, a violation of the FCAA. Such violations are grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. [WAC 173-401-620(2)(a), 9/16/02]

2.2 Inspection and entry.
Upon presentation of credentials and other documents as may be required by law, the permittee shall allow Ecology, or an authorized representative to perform the following:

2.2.1 Enter upon the permittee's premises where a Chapter 173-401 WAC source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;

2.2.2 Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

2.2.3 Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and

2.2.4 As authorized by WAC 173-400-105 and the FCAA, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.

[WAC 173-401-630(2), 9/16/02; RCW 70.94.200, 2005 (S); NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.9.4]

2.2.4.1 Ecology may require the permittee to conduct stack and/or ambient air monitoring and report the results to Ecology. [WAC 173-400-105(2), 8/20/93, 1/10/05 (S)]

2.2.4.2 Ecology may conduct or require that a test be conducted using approved EPA methods from 40 CFR 60 Appendix A or approved procedures contained in "Source Test Manual - Procedures for Compliance Testing," Ecology, 7/12/90. The permittee may be required to provide platform and sampling ports. Ecology shall be allowed to obtain a sample from any emissions unit. The permittee

shall be given the opportunity to observe the sampling and to obtain a sample at the same time. [WAC 173-400-105(4), 8/20/93, 1/10/05 (S)]

2.2.5 Ecology may conduct source tests and require access to records, books, files, and other information specific to the control, recovery, or release of pollutants regulated under 40 CFR Part 61. [WAC 173-400-075(2), 1/10/05 (S)]

2.2.6 No person shall obstruct, hamper, or interfere with any such authorized representative while in the process of carrying out his official duties. [RCW 70.94.200, 2005 (S)]

2.3 Permit fees. The permittee shall pay fees as a condition of this permit in accordance with Ecology's fee schedule. Failure to pay fees in a timely fashion shall subject the permittee to civil and criminal penalties as prescribed in chapter 70.94 RCW. Ecology may revoke this permit if the permit fees are not paid per WAC 173-401-930(3). [WAC 173-401-620(2)(f), 9/16/02; RCW 70.94.162(1), 2005; WAC 173-401-930(3), 9/16/02]

2.4 Duty to provide information. The permittee shall furnish to Ecology, within a reasonable time, any information that Ecology may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to Ecology copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality. Permitting authorities shall maintain confidentiality of such information in accordance with RCW 70.94.205. [WAC 173-401-620(2)(e), 9/16/02]

2.5 Recordkeeping.

2.5.1 Permittee shall keep records of required monitoring information that includes, where applicable, the following:

2.5.1.1 The date, place, and time of sampling or measurements;
2.5.1.2 The date(s) analyses were performed;
2.5.1.3 The company or entity that performed the analyses;
2.5.1.4 The analytical techniques or methods used;
2.5.1.5 The results of such analyses; and
2.5.1.6 The operating conditions as existing at the time of sampling or measurement.
[WAC 173-401-615(2)(a), 9/16/02]

2.5.2 Permittee shall keep records describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes. [WAC 173-401-615(2)(b), 9/16/02]

2.5.3 Permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings from continuous monitoring instrumentation, and copies of all reports required by this permit. [WAC 173-401-615(2)(c), 9/16/02; NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.7.12]

2.6 Reporting.

2.6.1 Permittee shall submit reports of any required monitoring (i.e., Monitoring Recordkeeping and Reporting column of section 5) at least once every six (6) months. At a minimum, reports for January 1st through June 30th and July 1st through December 31st, shall be due **September 1st** and **March 1st**, respectively. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent with WAC 173-401-520. [WAC 173-401-615(3)(a), 9/16/02]

2.6.2 Permittee shall report deviations from permit requirements, including those attributable to upset conditions, the probable cause of such deviations, and any corrective actions or preventative measures taken. Such deviations shall be reported '**promptly**'. For deviations which represent a potential threat to human health or safety, 'promptly' means as soon as possible, but in no case later than twelve (12) hours after the deviation is discovered. The source shall maintain a contemporaneous record of all deviations. Other deviations shall be reported no later than **thirty (30) days** after the end of the month during which the deviation is discovered. Copies of reports shall be sent to Ecology at:

Section Manager
Central Regional Air Quality Section
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

[WAC 173-401-615(3)(b), 9/16/02]

2.7 Excess emissions.

2.7.1 Excess emissions due to emergency. The permittee may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency. To do so, the permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:

2.7.1.1 An emergency occurred and that the permittee can identify the cause(s) of the emergency;

2.7.1.2 The permitted source was at the time being properly operated;

2.7.1.3 During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in this permit; and

2.7.1.4 The permittee submitted notice of the emergency to Ecology within **two (2) working days** of the time when emission limitations were exceeded due to the emergency or shorter periods of time specified in an applicable requirement. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

[WAC 173-401-645, 9/16/02]

2.7.2 Unavoidable excess emissions. Excess emissions determined to be unavoidable under the procedures and criteria in WAC 173-400-107 shall be excused and not subject to penalty.

2.7.2.1 The permittee shall have the burden of proving to Ecology that excess emissions were unavoidable. This demonstration shall be a condition to obtaining relief under 2.7.2.2, 2.7.2.3, or 2.7.2.4.

2.7.2.2 Excess emission due to startup or shutdown conditions shall be considered unavoidable provided the source reports as required under WAC 173-400-107(3) and adequately demonstrates that the excess emissions could not have been prevented through careful planning and design and if a bypass of control equipment occurs, that such bypass is necessary to prevent loss of life, personal injury, or severe property damage.

2.7.2.3 Excess emission due to scheduled maintenance shall be considered unavoidable if the source reports as required under WAC 173-400-107(3) and adequately demonstrates that the excess emissions could not have been avoided through reasonable design, better scheduling for maintenance or through better operation and maintenance practices.

2.7.2.4 Excess emissions due to upsets shall be considered unavoidable provided the source reports as required under WAC 173-400-107(3) and adequately demonstrates that:

2.7.2.4.1 The event was not caused by poor or inadequate design, operation, maintenance, or any other reasonably preventable condition;

2.7.2.4.2 The event was not of a recurring pattern indicative of inadequate design, operation, or maintenance; and

2.7.2.4.3 The operator took immediate and appropriate corrective action in a manner consistent with good air pollution control practice for minimizing emissions during the event, taking into account the total emissions impact of the corrective action, including slowing or shutting down the emission unit as necessary to minimize emissions, when the operator knew or should have known that an emission standard or permit condition was being exceeded.

2.7.2.5 Required reporting. Excess emissions which represent a potential threat to human health or safety or which the owner or operator of the source believes to be unavoidable shall be reported to Ecology **as soon as possible**. Other excess emissions shall be reported within **thirty (30) days** after the end of the month during which the event occurred or as part of the routine emission monitoring reports. Upon request by Ecology, the permittee shall submit a full written report including the known causes, the corrective actions taken, and the preventative measures to be taken to minimize or eliminate the chance of recurrence.

[WAC 173-400-107(3), 8/20/93, 1/10/05 (S)]

2.8 Submittals.

2.8.1 Reports, test data, monitoring data, and notifications, required by this permit, and requests for permit renewal shall be submitted to Ecology at:

Section Manager
Central Regional Air Quality Section
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

[WAC 173-401-520, 9/16/02]

2.8.2 Any application form, report, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. [WAC 173-401-520, 9/16/02]

2.8.3 Duty to supplement or correct application. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit. [WAC 173-401-500(6), 9/16/02]

2.9 Emission inventory. Permittee shall submit an inventory of emissions from the source for each calendar year. The inventory shall include segmented stack and fugitive emissions of TSP, PM_{10}, $PM_{2.5}$, SO_X, CO, NO_X, VOC, lead, and ammonia. The inventory shall be submitted for each calendar year, no later than **April 15th** of the following year.

Additionally, the inventory for calendar years 2008 and 2011, shall specify inventory year, inventory start date, inventory end date, inventory type, state FIPS code, county FIPS code, facility ID code, point ID code, process ID code, stack ID code, site name, physical address, SCC or PCC, fuel heat content (annual average), fuel ash content (annual average), fuel sulfur content (annual average), pollutant code, annual throughput, daily throughput, work weekday emissions, annual emissions, emission factor, winter throughput (%), spring throughput (%), summer throughput (%), fall throughput (%), hr/day in operation, start time (hour), day/wk in operation, wk/yr in operation, stack latitude, stack longitude, stack height, stack diameter, exit gas temperature, exit gas velocity, exit gas flow rate, SIC/NAICS, design capacity, maximum nameplate capacity, primary control efficiency (%), secondary control efficiency (%), control device type, and rule effectiveness (%), as defined in 40 Code of Federal Regulations Part 51 Subpart A Appendix A , 7/1/03.

The source shall maintain records of information necessary to substantiate any reported emissions, consistent with the averaging times for the applicable standards. Emission inventories shall be sent to Ecology at:

Section Manager
Central Regional Air Quality Section
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

[WAC 173-400-105(1), 8/20/93, 1/10/05 (S)]

2.10 Permit renewal and expiration. This permit is issued for a fixed term of five (5) years. The permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted. A renewal application is due **July 4, 2010**. A complete renewal application is due no later than **January 4, 2011**. Upon receipt of a complete and timely application for renewal, this source may continue to operate subject to final action by Ecology on the renewal application. This protection shall cease to apply if, subsequent to a completeness determination, the applicant fails to submit by the deadline specified in writing by Ecology, any additional information identified as being needed to process the application. The application for renewal shall include the current permit number, the appropriate renewal fee, description of permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term and shall provide a compliance schedule therefor. The application shall be sent to:

Section Manager
Central Regional Air Quality Section
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

[WAC 173-401-610, 9/16/02; WAC 173-401-710, 9/16/02]

2.11 Off-permit changes.

2.11.1 The source shall be allowed to make changes not specifically addressed or prohibited by the permit terms and conditions without requiring a permit revision, provided that the proposed changes do not weaken the enforceability of the existing permit conditions. Any change that is a Title I modification or is a change subject to the acid rain requirements under Title IV of the FCAA must be submitted as a permit revision.

2.11.2 Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition.

2.11.3 Sources must provide contemporaneous written notice to Ecology and EPA of each such change.

Notification shall be submitted to Ecology at:
Section Manager
Central Regional Air Quality Section
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902
and EPA Region 10 at:
U.S. EPA Region 10 Administrator
1200 Sixth Avenue
Seattle, Washington 98101
Such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.

2.11.4 The change shall not qualify for the permit shield under WAC 173-401-640.

2.11.5 The permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

2.11.6 A source making a change under this section shall comply with applicable preconstruction review requirements established pursuant to RCW 70.94.152.

[WAC 173-401-724, 9/16/02]

2.12 Changes not requiring permit revisions.

2.12.1 Permittee is authorized to make the changes described in this section without a permit revision, providing the following conditions are met:

2.12.1.1 The proposed changes are not Title I modifications;

2.12.1.2 The proposed changes do not result in emissions which exceed those allowable under the permit, whether expressed as a rate of emissions, or in total emissions;

2.12.1.3 The proposed changes do not alter permit terms that are necessary to enforce limitations on emissions from units covered by the permit; and

2.12.1.4 The source provides the administrator and Ecology with written notification at least seven (7) days prior to making the proposed changes except that written notification of a change made in response to an emergency shall be provided as soon as possible after the event.
Notification shall be submitted to Ecology at:
Section Manager
Central Regional Air Quality Section
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902
and EPA Region 10 at:
U.S. EPA Region 10 Administrator
1200 Sixth Avenue
Seattle, Washington 98101
The permittee and Ecology shall attach each notice to their copy of the relevant permit.

2.12.2 Pursuant to conditions in 2.12.1, a Chapter 173-401 WAC source is authorized to make section 502(b)(10) changes without a permit revision.

2.12.2.1 For each such change, the written notification required under 2.12.1.4 shall include a brief description of the change within the permitted source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

2.12.2.2 The permit shield authorized under WAC 173-401-640 shall not apply to any change made pursuant to this paragraph.

2.12.3 Pursuant to the conditions in 2.12.1, a Chapter 173-401 WAC source is authorized to trade increases and decreases in emissions in the permitted source, where the Washington SIP provides for such emissions trades without requiring a permit revision. This provision is available in those cases where the permit does not already provide for such emissions trading.

2.12.3.2 Written notification required under 2.12.1.4 shall include such information as may be required by the provision in the Washington SIP authorizing the emissions trade, including at a minimum, when the proposed change will occur, a description of each such change, any change in emissions, the permit requirements with which the source will comply using the emissions trading provisions of the Washington SIP, and the pollutants emitted subject to the emissions trade. The notice shall also

refer to the provisions with which the source will comply in the applicable implementation plan and that provide for the emissions trade.

2.12.3.2 The permit shield described in WAC 173-401-640 shall not extend to any change made under this paragraph. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the applicable SIP authorizing the emissions trade.

2.12.4 Upon the request of the permittee, Ecology shall issue permits that contain terms and conditions, including all terms required under WAC 173-401-600 through 173-401-630 to determine compliance, allowing for the trading of emissions increases and decreases in the WAC 173-401 source solely for the purpose of complying with a federally enforceable emissions cap that is established in the permit independent of otherwise applicable requirements. The permittee shall include in its application proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable. The emissions trading provisions shall not be applied to any emissions units for which emissions are not quantifiable or for which there are no replicable procedures to enforce the emissions trades.

2.12.4.1 Under this paragraph, the written notification required under 2.12.1.4, shall state when the change will occur and shall describe the changes in emissions that will result and how these increases and decreases in emissions will comply with the terms and conditions of the permit.

2.12.4.2 The permit shield described in WAC 173-401-640 shall extend to terms and conditions that allow such increases and decreases in emissions.

2.12.5 A source making a change under this section shall comply with applicable preconstruction review requirements established pursuant to 70.94.152 RCW.

[WAC 173-401-722, 9/16/02]

2.13 Reopening for cause.

2.13.1 Permits shall be reopened and revised under any of the following circumstances:

2.13.1.1 Additional applicable requirements become applicable to a Chapter 173-401 WAC source with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirements. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to WAC 173-401-620(2)(j);

2.13.1.2 Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit;

2.13.1.3 Ecology or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or

2.13.1.4 The administrator or Ecology determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

2.13.2 Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

2.13.3 Reopenings under this section shall not be initiated before a notice of such intent is provided to the Chapter 173-401 WAC source by Ecology at least thirty (30) days in advance of the date that the permit is to be reopened, except that Ecology may provide a shorter time period in the case of an emergency.

[WAC 173-401-730, 9/16/02]

2.14 New source review. The permittee shall not construct new sources or make modifications required to be reviewed under WAC 173-400-110, WAC 173-400-113, WAC 173-400-141, or Chapter 173-460 WAC before the permittee obtains written final approval from Ecology in accordance with those regulations, pays the appropriate fees required by WAC 173-400-116, and pays the cost of public notice described in WAC 173-400-171. [WAC 173-400-110, 8/20/93, 1/10/05 (S); WAC 173-400-113, 8/20/93, 1/10/05 (S); WAC 173-400-116, 8/20/93, 1/10/05 (S); WAC 173-400-141, 8/20/93, 1/10/05 (S); WAC 173-400-171, 8/20/93, 1/10/05 (S); C 173-460-040, 7/21/98 (S); RCW 70.94.152, 2005 (S)]

2.15 Replacement or substantial alteration of emission control technology. Prior to replacing or substantially altering emission control technology subject to review under WAC 173-400-114, the permittee shall file for and obtain approval from Ecology according to that regulation. The permittee shall pay the appropriate fees required by WAC

173-400-045(4) prior to commencing construction. [WAC 173-400-045(4), 1/10/05 (S); WAC 173-400-114, 1/10/05 (S); RCW 70.94.153, 2005 (S)]

2.16 Demolition and renovation (asbestos). Prior to, during, and after conducting any activity to which 40 CFR 60, Subpart M - National Emission Standard for Asbestos, applies, the permittee shall comply with the requirements of that rule. Such activities include demolition, renovation, asbestos stripping or removal, installing or reinstalling insulation, manufacturing or fabricating certain items, spraying of certain materials, constructing roadways of certain materials, or disposal. [40 CFR 61, Subpart M, 7/1/05; WAC 173-400-075(1), 1/10/05 (S)]

2.17 Federal CFC requirements (Title VI).

2.17.1 The permittee shall comply with the following standards for recycling and emissions reductions pursuant to 40 CFR 82, Subpart F, except as provided for MVACs in Subpart B:

2.17.1.1 Persons conducting maintenance, service, repair, or disposing must follow the prohibitions pursuant to 40 CFR 82.154.

2.17.1.2 Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156.

2.17.1.3 Equipment used during the maintenance, service, repair or disposal must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

2.17.1.4 Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

2.17.1.5 Persons conducting maintenance, service, repair, or disposing must certify to the Administrator that such person has acquired certified recovery or recycling equipment pursuant to 40 CFR 82.162.

2.17.1.6 Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166.

2.17.1.7 Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156.

2.17.1.8 Owners/operators of appliances normally containing 50 or more pounds of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

2.17.2 If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR 82, Subpart A - Production and Consumption Controls.

2.17.3 If the permittee performs a service on monitor (fleet) vehicles and when this service involves ozone depleting substance refrigerant in the MVAC, the permittee is subject to all applicable requirements as specified in 40 CFR 82, Subpart B - Servicing of Motor Vehicle Air Conditioners.

2.17.4 The permittee shall be allowed to switch from any ozone depleting substance to any alternative that is listed in the Significant New Alternative Program promulgated pursuant to 40 CFR 82, Subpart G - Significant New Alternative Policy Program.

[40 CFR 82, 7/1/05; RCW 70.94.970, 2005 (S); RCW 70.94.980, 2005 (S)]

3.0 OPERATIONAL FLEXIBILITY [WAC 173-401-650, 9/16/02]

The combined cycle unit has two sets of emission limits; one set each of emission units when operating at base-load and at peak-load. The applicable requirements in Table 5.4a apply when the combined cycle unit is operating at base-load (i.e., duct burner(s) NOT in operation). The applicable requirements in Table 5.4b apply when the combined cycle unit is operating at peak-load (i.e., duct burner(s) in operation).

In the event that an emission unit is not operated during a period equal to or greater than the monitoring period designated, no monitoring is required. Recordkeeping and reporting must note the reason why and length of time that the emission unit was not operated.

4.0 COMPLIANCE PLAN [WAC 173-401-630(3), 9/16/02; WAC 173-401-510(2)(h), 9/16/02]

4.1 The permittee shall continue to comply with applicable requirements with which it is currently in compliance.

4.2 The permittee shall meet applicable requirements on a timely basis that become effective during the permit term.

4.3 Compliance certification.

4.3.1 The permittee shall submit a certification of compliance with permit terms and conditions (i.e., sections 2, 3, 4, and 5) at least once per year. At a minimum a certification of compliance is due, for each January 1st, through December 31st, no later than the following **March 1st**. Ecology may require that compliance certifications be submitted more frequently for those emission units not in compliance with permit terms and conditions, or where more frequent certification is specified in the applicable requirement.

4.3.2 The compliance certification shall include the following:

4.3.2.1 The identification of each term or condition of the permit that is the basis of the certification;

4.3.2.2 The compliance status;

4.3.2.3 Whether compliance was continuous or intermittent; and

4.3.2.4 The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with WAC 173-401-615(3)(a).

4.3.3 Compliance certification shall be submitted to Ecology at:

Section Manager
Regional Air Quality Section
Department of Ecology
15 W Yakima Ave, Ste 200
Yakima, Washington 98902

and EPA Region 10 at:

U.S. EPA Region 10 Administrator
1200 Sixth Avenue
Seattle, Washington 98101

[WAC 173-401-630(5), 9/16/02]

4.3.4 The permittee need not certify compliance for insignificant emission units or activities. [WAC 173-401-530(2)(d), 9/16/02]

4.3.5 For the purpose of submitting compliance certifications or establishing violations, the permittee, shall not preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [40 CFR 60.11(g), 7/1/05]

5.0 APPLICABLE REQUIREMENTS

Until this permit expires, is modified or revoked, this permittee is authorized to operate processes 1, 2, 3, 4, 5, and 6. These processes are subject to the requirements shown in Tables 5.1, 5.2, 5.3, 5.4, 5.4a, 5.4b, 5.5, and 5.6, and to the other terms and conditions specified in this permit.

5.1 Source Wide. The following requirements apply SOURCE WIDE; including, but not limited to the combustion turbine, the duct burner, the combined cycle unit (which includes: gas turbine, heat recovery steam generator, duct burner, selective catalytic reduction unit, and the steam generator, sharing a single emission exhaust stack), the backup generator, and the firewater pump, unless an alternate requirement is specifically stated for a particular emissions unit. Since monitoring, recordkeeping, and reporting has not specifically been required by Ecology for insignificant emission units, per WAC 173-400-105(1st ¶), there are no air operating permit monitoring, recordkeeping, and reporting requirements for the insignificant emission units under this Source Wide section, as allowed per WAC 173-401-530(2)(c).

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.1	RCW 70.94.040, 2005	S	Unlawful for any person to cause air pollution or permit it to be caused in violation of RCW 70.94, or of any ordinance, resolution, rule or regulation validly promulgated thereunder.	None specified.	No additional monitoring required.
5.1.2	*NOTE: This row intentionally left blank.*				
5.1.3	WAC 173-400-040(1st ¶), 8/20/93 WAC 173-400-040(1st ¶), 1/10/05; RCW 70.94.154, 2005	F S	All emissions units are required to use RACT.	None specified.	No additional monitoring required.

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.4	WAC 173-400-040(1)(a), (b), 8/20/93 WAC 173-400-040(1)(a), (b), 1/10/05	F S	Opacity shall not exceed 20% for more than three (3) minutes, in any one (1) hour.	Ecology Method 9A, "Source Test Manual - Procedures for Compliance Testing," State of Washington Department of Ecology, 7/12/90	1) The permittee shall conduct monthly visible emissions surveys of all emission sources and the property boundary during daylight hours as follows: a) the survey shall be conducted from a location with a clear view of the emission source, or boundary, and where the sun is not directly in the observer's eyes. The survey location shall be at least 15 feet but not more than 0.25 miles from the source; b) survey shall be conducted during operation; c) the observer will be educated in the general procedures for determining the presence of visible emissions (i.e. effects on the visibility of emissions caused by background contrast, position of the sun and amount of ambient lighting, and observer position relative to source and sun); d) the survey shall consist of a minimum 15-second visual observation of each emission source to identify those emission sources which exhibit visible emissions; e) in addition to the records required under condition 2.15, the observer shall record the wind direction, sky condition, sun location with respect to the source and the survey location, and the time duration of the survey. 2) The permittee shall conduct Ecology Method 9A testing of an emission source when visible emissions, other than uncombined water, are observed during a survey or are otherwise observed by the permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes (24 consecutive readings) unless any two readings are greater than 20% opacity in which case the testing period shall be 60 consecutive minutes or until a violation is documented. If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 9/16/02]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.5	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.2	F	Visible emissions from the emission units shall not exceed five (5) percent opacity.	EPA RM 9, 40 CFR 60, Appendix A, 7/1/05	Comply with 5.1.4, except that: 2) The permittee shall conduct RM 9 testing when visible emissions are observed during a survey or are otherwise observed by the permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes (24 consecutive readings). If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 9/16/02]
5.1.6	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.3	F	Visible emissions, from the emission units, at the property boundary of the site shall not exceed zero (0) percent opacity.	EPA RM 9, 40 CFR 60, Appendix A, 7/1/05	Comply with 5.1.4, except that: 2) The permittee shall conduct RM 9 testing when visible emissions are observed during a survey or are otherwise observed by the permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes (24 consecutive readings). If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 9/16/02]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.7	WAC 173-400-040(2), 1/10/05	S	No person shall cause or permit the emission of PM from any source to be deposited beyond the property under direct control of the owner(s) or operator(s) of the source in sufficient quantity to interfere unreasonably with the use and enjoyment of the property upon which the material is deposited.	None specified.	No additional monitoring required.
5.1.8	WAC 173-400-040(3)(a), 8/20/93 WAC 173-400-040(3)(a), 1/10/05	F S	Reasonable precautions shall be taken to control fugitive emissions.	None specified.	No additional monitoring required.
5.1.9	WAC 173-400-040(4), 1/10/05	S	Odors which may unreasonably interfere with use and enjoyment of property are prohibited unless recognized good practice and procedures are employed to reduce odors to a reasonable minimum.	None specified.	Comply with applicable requirement for 5.1.23. [WAC 173-401-615(1), 9/16/02]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.10	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.9.2	S	Odors from the source shall be controlled by preventing unnecessary release of ammonia, natural gas and other substances producing obnoxious odors at ground level and by minimizing such emissions from the exhaust stack.	Within 30 days following odor detection, the permittee shall determine what remedial measures will be taken, to control odor. Within 60 days following odor detection, the permittee shall implement the remedial measures, unless installation of new equipment is required. If the remedial measure includes the installation of new equipment, such measure shall be taken within 180 days following odor detection. In the event that odor from the project is detected beyond the property boundary of the project following notification and this remedial action period, Ecology may order the permittee to take specific measures to control odor.	In the event that odor from the project is detected beyond the property boundary of the project, Ecology or the permittee shall promptly notify the other of this fact. The permittee shall report in writing to Ecology on remedial measures effectiveness.
5.1.11	WAC 173-400-040(5), 8/20/93 WAC 173-400-040(5), 1/10/05	F S	No emissions detrimental to persons or property.	None specified.	Comply with applicable requirement for 5.1.23. [WAC 173-401-615(1), 9/16/02]
5.1.12	WAC 173-400-040(6)(1st ¶), 8/20/93 WAC 173-400-040(6)(1st ¶), 1/10/05	F S	SO_2 shall not exceed 1000 ppm_v on a dry basis, corrected to 7% O_2 for combustion sources, and based on the average of any period of sixty (60) consecutive minutes.	EPA RM 8, 40 CFR Part 60, Appendix A, 7/1/05.	No additional monitoring required.
5.1.13	WAC 173-400-040(7), 8/20/93 WAC 173-400-040(7), 1/10/05	F S	No person shall cause or permit the installation or use of any means which conceals or masks an emission of an air contaminant.	None specified.	No additional monitoring required.

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.14	WAC 173-400-040(8)(a), 8/20/93 WAC 173-400-040(8)(a), 1/10/05	F S	Reasonable precautions shall be taken to prevent fugitive dust from becoming airborne.	None specified.	No additional monitoring required.
5.1.15	WAC 173-400-050(1), (3), 8/20/93 WAC 173-400-050(1), (3), 1/10/05	F S	PM emissions from combustion sources shall not exceed 0.1 gr/dscf corrected to 7% O_2.	EPA RM 5, 40 CFR Part 60, Appendix A, 7/1/05.	No additional monitoring required.
5.1.16	WAC 173-400-060, 8/20/93 WAC 173-400-060, 1/10/05	F S	General process units required to meet all applicable provisions of WAC 173-400-040. PM shall not exceed 0.1 gr/dscf.	EPA RM 5, 40 CFR Part 60, Appendix A, 7/1/05.	No additional monitoring required.
5.1.17	WAC 173-400-200(2), 8/20/93 WAC 173-400-200(2), 1/10/05	F S	No use of excess stack height or dispersion techniques shall be used to meet ambient air quality standards or PSD increments.	None specified.	No additional monitoring required.
5.1.18	WAC 173-400-205, 8/20/93 WAC 173-400-205, 1/10/05	F S	No varying of emissions according to atmospheric conditions or ambient concentrations.	None specified.	No additional monitoring required.

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.19	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.6.1, 3.8, 3.9.3	F	Emission units shall be properly operated and maintained. Emission unit specific O&M manuals shall be developed, maintained up-to-date, and followed by the permittee. Emission units shall be operated and maintained in accordance with the O&M manual(s). Regular O&M records shall be kept at the source and made available for inspection by Ecology, organized in a readily accessible manner. Legible copies of the O&M Manuals shall be on-site in a location known by and available to personnel in direct operation of the emission units and available to Ecology upon request.	O&M manuals shall at a minimum include: 1) Normal operating parameters for the emissions unit(s); 2) A maintenance schedule for the emissions unit(s); 3) Monitoring and record keeping requirements; 4) A description of the monitoring procedures; and 5) Actions for abnormal control system operation. On line monitors shall be referenced in the Operations and Maintenance Manual.	The O&M manuals shall be kept on file. This file shall be reviewed at least annually with records kept of the date of and personnel who performed such review. Responsible official shall certify that the emission units are being operated per their respective O&M manual. [WAC 173-401-615(1), 9/16/02]
5.1.20	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.9.1	F	No outdoor burning shall be conducted at the source.	None specified.	No additional monitoring required.

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.21	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.9.3, 3.9.5, 3.9.9	F	Operation of equipment must be conducted in compliance with all data and specifications submitted as part of the Notice of Construction application unless otherwise approved by Ecology. Any activity undertaken by the permittee, or others, in a manner that is inconsistent with the application or this Order, shall be subject to Ecology enforcement under applicable regulations. A legible copy of NOC No. 01AQCR-2037 Second Revision, shall be on-site in a location known by and available to personnel in direct operation of the emission units and available to Ecology upon request. Nothing in the NOC shall be construed so as to relieve the permittee of its obligations under any state, local, or federal laws or regulations.	None specified.	NOC No. 01AQCR-2037 Second Revision, shall be kept on file. This file shall be reviewed at least annually with records kept of the date of and personnel who performed such review. Responsible official shall certify that the emission units are being operated per their O&M manual. [WAC 173-401-615(1), 9/16/02]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.1.22	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.9.10	S	Project shall not interfere with viewing by the Goldendale Observatory.	Within 180 days of Ecology notifying the permittee that the project has interfered with viewing by the Goldendale Observatory, the permittee shall implement remedial measures to ensure that no interference with viewing at the Goldendale Observatory occurs and shall report in writing to Ecology on their effectiveness. In the event that an additional instance of interference is reported following notification and the remedial action period, Ecology may order the permittee to take specific measures.	Comply with applicable requirement for 5.1.23. [WAC 173-401-615(1), 9/16/02]
5.1.23	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.7.6	F	Permittee shall keep records of complaints as received from the public, Ecology, or any other entity. Any complaints shall be promptly addressed and assessed.	None specified.	Ecology shall be notified within three days of receipt of any complaint. A record shall be maintained of the permittee's action to investigate the validity of the compliant and what, if any, corrective action was taken in response to the complaint.

5.2 Combustion Turbine . The following applicable requirements apply to the COMBUSTION TURBINE.

	Applicable Requirement (Combustion Turbine)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.2.1	40 CFR Part 60.332(a)(1), 60.332(a)(3), 60.332(b), 60.334(b)(2), 60.335(c)(1), 60.335(e), 7/1/05 *(Stationary Turbine NSPS Subpart GG)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Permittee shall not cause to be discharged into the atmosphere gases containing NO_X >: $STD = 0.0075\left(\frac{(14.4)}{Y}\right)$, where: STD=allowable NO_X emissions (vd% @ 15% O_2) Y=manufacturer's rated heat rate at manufacturer's rated load (kJ/Whr) or, actual measured heat rate based upon lower heating value of fuel measured at actual peak load for the facility. Y ≤ 14.4.	None required. [Letter Re: NSPS Subpart GG Alternative Monitoring and Testing Approval, dated June 16, 2004, from USEPA Region 10 to Steve Royall, Goldendale Energy Center]	No additional monitoring required.
5.2.2	40 CFR Part 60.333(a), 60.334(b)(2), 60.335(c)(1), 60.335(d), 7/1/05 *(Stationary Turbine NSPS Subpart GG)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Permittee shall not cause to be discharged into the atmosphere gases containing SO_2 > 0.015_{vd}% @ 15% O_2.	None specified.	Comply with 5.2.3. [Letter Re: NSPS Subpart GG Alternative Monitoring and Testing Approval, dated June 16, 2004, from USEPA Region 10 to Steve Royall, Goldendale Energy Center]

	Applicable Requirement (Combustion Turbine)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.2.3	40 CFR Part 60.333(b), 60.334(b)(2), 60.335(c)(1), 60.335(d), 7/1/05 *(Stationary Turbine NSPS Subpart GG)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Permittee shall not burn fuel containing S > 0.8_w%.	ASTM D 1072-80, D 3031-81, D 4084-82, or D 3246-81, shall be used to determine S content of gaseous fuel.	Quarterly sampling & analysis. If S is well below applicable standard with low variability, during quarterly sampling through 6/06, sampling frequency can be reduced to semiannual. If there is a substantial change in fuel quality or any analyses indicate noncompliance, samples must be collected and analyzed on a weekly basis. [Letter Re: NSPS Subpart GG Alternative Monitoring and Testing Approval, dated June 16, 2004, from USEPA Region 10 to Steve Royall, Goldendale Energy Center]
5.2.4	40 CFR Part 60.7(b), 7/1/05 *(Stationary Turbine NSPS Subpart GG)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the combustion turbine, any malfunction of the air pollution control equipment; or any periods during which a CEMS or monitoring device is inoperative.	None specified.	No additional monitoring required.

	Applicable Requirement (Combustion Turbine)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.2.5	40 CFR Part 60.7(b), 7/1/05 *(Stationary Turbine NSPS Subpart GG)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part recorded in a permanent form suitable for inspection.	None specified.	No additional monitoring required.
5.2.6	40 CFR Part 60.11(d), 7/1/05 *(Stationary Turbine NSPS Subpart GG)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Maintain and operate combustion turbine and pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.	None specified.	No additional monitoring required.
5.2.7	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.3.2	F	Combustion turbine shall operate at a load no less than 55 MW.	None specified.	No additional monitoring required.
5.2.8	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.3.5	F	Combustion turbine shall operate only when the SCR unit is operating in good order.	None specified.	No additional monitoring required.

	Applicable Requirement (Combustion Turbine)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.2.9	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.6.3	F	Monitor sulfur content of the fuel being fired in the turbine.	An on-site sulfur analyzer, OR periodic gas sampling AND total sulfur analyzers monitoring each potential gas source.	Sulfur content shall be monitored daily with an on-site sulfur analyzer, OR monitored by periodic gas sampling AND use of daily total sulfur analyzers monitoring each potential gas source.

5.3 Duct Burner. The following applicable requirements apply to the DUCT BURNER.

	Applicable Requirement (Duct Burner)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.3.1	40 CFR Part 60.42a(a)(1), 60.46a(c), 60.48a(b)(2), 7/1/05 *(Boiler NSPS Subpart Da)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	PM ≤ 13 ng/J (0.03 lb/MMBtu) heat input, except during startup, shutdown, or malfunction.	EPA RM 5, 40 CFR Part 60, Appendix A, 7/1/05.	Comply with applicable requirement for 5.4.5. [WAC 173-401-615(1), 9/16/02]
5.3.2	40 CFR Part 60 Subpart Da § 60.11(b), 60.11(c), 60.42a(b), 60.48a(b)(3), 7/1/05 *(Boiler NSPS Subpart Da)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Opacity ≤ 20%, except for one 6-minute period per hour of not more than 27%, except during periods of startup, shutdown, or malfunction.	EPA RM 9, 40 CFR Part 60, Appendix A, 7/1/05.	Comply with applicable requirement for 5.1.5. [WAC 173-401-615(1), 9/16/02]

	Applicable Requirement (Duct Burner)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.3.3	40 CFR Part 60.43a(b)(2), 60.43a(g),60.46a(c), 60.46a(g) 60.48a(c)(4), 7/1/05 *(Boiler NSPS Subpart Da)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	$SO_2 \leq 86$ ng/J (0.20 lb/MMBtu) heat input, on a rolling arithmetic average of all hourly emissions for 30 successive boiler operating days, except during periods of startup, or shutdown.	EPA RM 19, 40 CFR Part 60, Appendix A, 7/1/05.	Comply with applicable requirement for 5.4.10. [WAC 173-401-615(1), 9/16/02]

	Applicable Requirement (Duct Burner)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.3.4	40 CFR Part 60.7(c), 60.7(d), 60.13(a), 60.13(d)(1), 60.13(e)(2), 60.13(f), 60.13(h), 60.44a(a)(1), 60.44a(a)(2), 60.46a(c), 60.46a(e), 60.46a(g), 60.47a(c), 60.47a(d), 60.47a(e), 60.47a(f), 60.47a(i), 60.47a(j), 60.48a(d), 60.49a(b), 60.49a(f), 60.49a(g), 60.49a(i), 7/1/05 *(Boiler NSPS Subpart Da)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	$NO_X \leq 86$ ng/J (0.20 lb/MMBtu) heat input, on a rolling arithmetic average of all hourly emissions for 30 successive boiler operating days, except during startup, shutdown, or malfunction.	EPA RM 19, 40 CFR Part 60, Appendix A, 7/1/05. Install, calibrate, maintain, and operate a CEMS, and record measured NO_X, and O_2 or CO_2 emissions. CEMS shall be operated and data recorded during all periods of operation, including periods of startup, shutdown, and malfunction, except for CEMS breakdowns, repairs, calibration checks, and zero and span adjustments, and shall complete a minimum of one cycle of operation for each successive 15-minute period. 1-hour averages shall be computed from four or more data points equally spaced over each 1-hour period. CEMS data shall be obtained for at least 18 hours in at least 22 out of 30 successive boiler operating days. CEMS shall comply with 40 CFR 60 Appendix B, Performance Specifications, and 40 CFR 60, Appendix F, Quality Assurance Procedures.	At least once daily, check the CEMS zero and span calibration drifts. The zero and span must, as a minimum, be adjusted whenever either the 24-hour zero drift or the 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B. Submit written reports for each calendar quarter. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter. For each 24-hour period, report to EPA & Ecology: (1) calendar date; (2) average NO_X emission rate for each 30 successive boiler operating days, ending with last 30-day period in the quarter; reasons for non-compliance with the emission standards; and, description of corrective actions taken; (4) identification of the boiler operating days for which pollutant or dilutent data have not been obtained, by CEMS, for at least 18 hours of operation of the facility; justification for not obtaining sufficient data; and description of corrective actions taken; (5) identification of the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, or other reasons, and justification for excluding data for reasons other than startup or shutdown; (8) identification of times when the pollutant concentration exceeded full span of the CEMS; (9) description of any modifications to the CEMS which could affect the ability of the CEMS to comply with Performance Specifications 2 or 3. For any periods for which NO_X emission data arre not available, submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability. Submit a signed statement indicating whether: (1) the required CEMS calibration, span, and drift checks or other periodic audits have been performed as specified; (2) the data used to show compliance was or was not obtained in accordance with approved methods and procedures of Subpart Da and is representative of plant performance; (3) the minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable; (4) compliance with the standards has or has not been achieved during the reporting period.

	Applicable Requirement (Duct Burner)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.3.5	40 CFR Part 60.7(b), 7/1/05 *(Boiler NSPS Subpart Da)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the Duct Burner, any malfunction of the air pollution control equipment; or any periods during which a CEMS or monitoring device is inoperative.	None specified.	No additional monitoring required.
5.3.6	40 CFR Part 60.7(b), 7/1/05 *(Boiler NSPS Subpart Da)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by NSPS Subpart Da recorded in a permanent form suitable for inspection.	None specified.	No additional monitoring required.

	Applicable Requirement (Duct Burner)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.3.7	40 CFR Part 60 Subpart GG § 60.11(d), 7/1/05 *(Boiler NSPS Subpart Da)* WAC 173-400-115(1)(a), 1/10/05 NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.7.7, 3.7.9	F	Maintain and operate Duct Burner and pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.	None specified.	Comply with applicable requirement for 5.1.19. [WAC 173-401-615(1), 9/16/02]
5.3.8	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.1.1	F	NO_X shall be controlled by use of low NO_X Duct Burner	None specified.	No additional monitoring required.
5.3.9	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.3.3, 3.7.2	F	Use of the Duct Burner (operation at peak load) shall be no more than 5250 hours per rolling 12-month period.	None specified.	A daily log shall be kept of the hours of operation in base load, operation in peak load, shut-down, and start-up.

5.4 Combined Cycle Unit . The following requirements apply to the COMBINED CYCLE UNIT made up of the Gas Turbine, Heat Recovery Steam Generator, Duct Burner, Selective Catalytic Reduction unit, and the Steam Generator, sharing a single emission exhaust stack.

	Applicable Requirement (Combined Cycle Unit)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4.1	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.1.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.8	F	NO_X shall be controlled by use of selective catalytic reduction (SCR) in the heat recovery steam generator (HRSG) and good combustion practice. Emissions shall be limited to 2 ppm_vd (at 15% O_2), 3-hour average.	EPA RM 19 and 20, 40 CFR Part 60, Appendix A, 7/1/05. Each testing event (year) shall alternate between base-load and peak-load operating conditions. Each test shall consist of at least three runs. Testing shall be conducted at a net power output of at least 225 MW, at ambient temperature and pressure. Adequate sampling ports, safe sampling platforms and access to platforms, and utilities, for sampling and testing shall be provided per 40 CFR 60.8. Test plans shall be submitted 30 days prior and written results shall be submitted to Ecology within 60 days of occurrence. Install, calibrate, maintain, and operate, CEMs for NO_X and O_2, with an automated data acquisition and handling system, that complies with 40 CFR Part 75 and 40 CFR 60, Appendix B, Performance Specifications, and 40 CFR 60, Appendix F, Quality Assurance Procedures. Records shall be kept of all periods of downtime of the monitors.	Source testing shall be conducted at least once every five years, except that source testing shall be required annually if the limit was exceeded during any of the previous three tests. CEMS reports shall be submitted at least monthly within 30-days of the end of each calendar month, and shall include: (1) process or control equipment operating parameters; (2) daily maximum and average concentration, in the units of the standard(s), for each pollutant monitored; (3) duration and nature of any monitor down-time; (4) results of any monitor audits or accuracy checks; and (5) results of any required stack tests. For each occurrence of monitored emissions in excess of the standard, the report shall include: (6) time of occurrence; (7) magnitude of the emission or process parameters excess; (8) duration of the excess; (9) probable cause; (10) any corrective actions taken or planned; and (11) any other agency contacted.

	Applicable Requirement (Combined Cycle Unit)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4.2	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.1.2, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.8	F	CO shall be controlled by use of an oxidation catalyst in the HRSG and good combustion practice. Emissions shall be limited to 2 $ppm_v d$ (at 15% O_2), 1-hour average.	EPA RM 10, 40 CFR Part 60, Appendix A, 7/1/05. Each testing event (year) shall alternate between base-load and peak-load operating conditions. Each test shall consist of at least three runs. Testing shall be conducted at a net power output of at least 225 MW, at ambient temperature and pressure. Adequate sampling ports, safe sampling platforms and access to platforms, and utilities, for sampling and testing shall be provided per 40 CFR 60.8. Test plans shall be submitted 30 days prior and written results shall be submitted to Ecology within 60 days of occurrence. Install, calibrate, maintain, and operate, CEMs for CO & O_2, with an automated data acquisition and handling system, that complies with 40 CFR 60, Appendix B, Performance Specifications, and 40 CFR 60, Appendix F, Quality Assurance Procedures. Records shall be kept of all periods of downtime of the monitors.	Source testing shall be conducted at least once every five years, except that source testing shall be required annually if the limit was exceeded during any of the previous three tests. CEMS reports shall be submitted at least monthly within 30-days of the end of each calendar month, and shall include: (1) process or control equipment operating parameters; (2) daily maximum and average concentration, in the units of the standard(s), for each pollutant monitored; (3) duration and nature of any monitor down-time; (4) results of any monitor audits or accuracy checks; and (5) results of any required stack tests. For each occurrence of monitored emissions in excess of the standard, the report shall include: (6) time of occurrence; (7) magnitude of the emission or process parameters excess; (8) duration of the excess; (9) probable cause; (10) any corrective actions taken or planned; and (11) any other agency contacted.

	Applicable Requirement (Combined Cycle Unit)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4.3	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.1.3, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9	F	VOCs shall be controlled by use of an oxidation catalyst in the HRSG and good combustion practice	EPA RM 25A, 40 CFR Part 60, Appendix A, 7/1/05. Each testing event (year) shall alternate between base-load and peak-load operating conditions. Each test shall consist of at least three runs. Testing shall be conducted at a net power output of at least 225 MW, at ambient temperature and pressure. Adequate sampling ports, safe sampling platforms and access to platforms, and utilities, for sampling and testing shall be provided per 40 CFR 60.8. Test plans shall be submitted 30 days prior and written results shall be submitted to Ecology within 60 days of occurrence.	Source testing shall be conducted at least once every five years, except that source testing shall be required annually if the limit was exceeded during any of the previous three tests.
5.4.4	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.1.4, 3.3.4	F	SO_2 shall be controlled by exclusive use of natural gas and good combustion practice.	None specified.	No additional monitoring required.
5.4.5	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.1.5, 3.3.4, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9	F	PM_{10} shall be controlled by exclusive use of natural gas and good combustion practice and design.	EPA RM 5 or 17, and 19, 40 CFR Part 60, Appendix A, 7/1/05. Each testing event (year) shall alternate between base-load and peak-load operating conditions. Each test shall consist of at least three runs. Testing shall be conducted at a net power output of at least 225 MW, at ambient temperature and pressure. Adequate sampling ports, safe sampling platforms and access to platforms, and utilities, for sampling and testing shall be provided per 40 CFR 60.8. Test plans shall be submitted 30 days prior and written results shall be submitted to Ecology within 60 days of occurrence.	Source testing shall be conducted at least once every five years, except that source testing shall be required annually if the limit was exceeded during any of the previous three tests.

	Applicable Requirement (Combined Cycle Unit)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4.6	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.2.1, 3.3.4	F	TAPs shall be controlled by exclusive use of natural gas and good combustion practice.	None specified.	No additional monitoring required.
5.4.7	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.2.2, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.4, 3.7.8	F	Ammonia emissions shall be limited to 3 $ppm_v d$ (at 15% O_2, 1-hour average)	Bay Area Air Quality Management District Source Test Procedure ST-1B, January 20, 1982. Each testing event (year) shall alternate between base-load and peak-load operating conditions. Each test shall consist of at least three runs. Testing shall be conducted at a net power output of at least 225 MW, at ambient temperature and pressure. Adequate sampling ports, safe sampling platforms and access to platforms, and utilities, for sampling and testing shall be provided per 40 CFR 60.8. Test plans shall be submitted 30 days prior and written results shall be submitted to Ecology within 60 days of occurrence. Install, calibrate, maintain, and operate, CEMs for NH_3, with an automated data acquisition and handling system, that complies with 40 CFR 60, Appendix B, Performance Specifications, and 40 CFR 60, Appendix F, Quality Assurance Procedures.	Source testing shall be conducted at least once every five years, except that source testing shall be required annually if the limit was exceeded during any of the previous three tests. CEMS reports shall be submitted at least monthly within 30-days of the end of each calendar month, and shall include: (1) process or control equipment operating parameters; (2) daily maximum and average concentration, in the units of the standard(s), for each pollutant monitored; (3) duration and nature of any monitor down-time; (4) results of any monitor audits or accuracy checks; and (5) results of any required stack tests. For each occurrence of monitored emissions in excess of the standard, the report shall include: (6) time of occurrence; (7) magnitude of the emission or process parameters excess; (8) duration of the excess; (9) probable cause; (10) any corrective actions taken or planned; and (11) any other agency contacted. Records shall be kept of all periods of downtime of the monitors. Daily records shall be kept indicating the volume of ammonia maintained on-site and the volume of ammonia used.
5.4.8	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.2.3	F	Formaldehyde shall be controlled by use of the oxidation catalyst in the HRSG.	None specified.	No additional monitoring required.
5.4.9	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.3.1, 3.7.3	F	Source shall be limited to a calendar year average generating capacity of less than 250 MW_e, measured using maximum continuous electric generating capacity, less minimum auxiliary load, at average ambient temperature and pressure.	None specified.	A daily log shall be kept of the gross power generation and auxiliary load. The net power generation (gross power generation less the auxiliary load) shall be calculated and averaged, at average ambient temperature and pressure, over the most recent 12-month period, monthly.

	Applicable Requirement (Combined Cycle Unit)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4.10	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.3	F	$SO_2 \leq 22.2$ lbs/hr and ≤ 3.2 $ppm_v d$ at 15% O_2, 1-hour average.	EPA RM 6, 40 CFR Part 60, Appendix A, 7/1/05. Each testing event (year) shall alternate between base-load and peak-load operating conditions. Each test shall consist of at least three runs. Testing shall be conducted at a net power output of at least 225 MW, at ambient temperature and pressure. Adequate sampling ports, safe sampling platforms and access to platforms, and utilities, for sampling and testing shall be provided per 40 CFR 60.8. Test plans shall be submitted 30 days prior and written results shall be submitted to Ecology within 60 days of occurrence.	Source testing shall be conducted at least once every five years, except that source testing shall be required annually if the limit was exceeded during any of the previous three tests.
5.4.11	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.4, 3.6.2, 3.7.1, 3.7.11	F	The combined cycle unit shall not exceed 70.2 tpy NO_X and 82.3 tpy CO, including startups and shutdowns	Install, calibrate, maintain, and operate, CEMs for NO_X and CO, with an automated data acquisition and handling system, that complies with 40 CFR Part 75 and 40 CFR 60, Appendix B, Performance Specifications, and 40 CFR 60, Appendix F, Quality Assurance Procedures. Records shall be kept of all periods of downtime of the monitors.	The actual NO_X and CO emissions, including startup and shutdown, from the combined cycle unit, shall be quantified monthly, using CEMS data, over each rolling 12-month period.

	Applicable Requirement (Combined Cycle Unit)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4.12	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9	F	Sulfuric acid mist shall not exceed 4.6 lbs/hr.	Measured as SO_X less SO_2. SO_X measured by modified ASTM Method D-5504. SO_2 measured by EPA RM 6, July 1, 1999, 40 CFR Part 60, Appendix A, 7/1/05. Each testing event (year) shall alternate between base-load and peak-load operating conditions. Each test shall consist of at least three runs. Testing shall be conducted at a net power output of at least 225 MW, at ambient temperature and pressure. Adequate sampling ports, safe sampling platforms and access to platforms, and utilities, for sampling and testing shall be provided per 40 CFR 60.8. Test plans shall be submitted 30 days prior and written results shall be submitted to Ecology within 60 days of occurrence.	Source testing shall be conducted at least once every five years, except that source testing shall be required annually if the limit was exceeded during any of the previous three tests.

5.4a Combined Cycle Unit @ Base Load . The following requirements apply to the COMBINED CYCLE UNIT WHEN OPERATING AT BASE LOAD (i.e., Duct Burner NOT in use) made up of the Gas Turbine, Heat Recovery Steam Generator, Selective Catalytic Reduction unit, and the Steam Generator, sharing a single emission exhaust stack.

	Applicable Requirement (Base Load)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4a.1	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.8	F	$NO_X \leq 316.8$ lbs/24-hrs and ≤ 2.0 ppm_vd at 15% O_2, 3-hour average, except during start-up or shut-down.	As specified in applicable requirement 5.4.1.	Comply with applicable requirement for 5.4.1.

	Applicable Requirement (Base Load)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4a.2	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.8	F	CO ≤ 8.0 lbs/hr and ≤ 2.0 ppm_vd at 15% O_2, 1-hour average, except during start-up or shut-down.	As specified in applicable requirement 5.4.2.	Comply with applicable requirement for 5.4.2.
5.4a.3	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9	F	VOC ≤ 2.8 lbs/hr and ≤ 6.0 ppm_vd at 15% O_2, 1-hour average, except during start-up or shut-down.	As specified in applicable requirement 5.4.3.	Comply with applicable requirement for 5.4.3.
5.4a.4	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9	F	PM ≤ 22.3 lbs/hr	As specified in applicable requirement 5.4.5.	Comply with applicable requirement for 5.4.5.
5.4a.5	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.4, 3.7.8	F	NH_3 ≤ 7.32 lbs/hr and ≤ 3.0 ppm_vd at 15% O_2, 1-hour average.	As specified in applicable requirement 5.4.7.	Comply with applicable requirement for 5.4.7.
5.4a.6	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.1	F	Individual TAP emissions shall not exceed (lb/hr): Acetaldehyde 0.3182 Benzene 0.0328 Formaldehyde 0.4072 Nickel 0.0036 PAH 0.0014 Propylene Oxide 0.0496	None specified.	No additional monitoring required.

5.4b Combined Cycle Unit @ Peak Load. The following requirements apply to the COMBINED CYCLE UNIT WHEN OPERATING AT PEAK LOAD (i.e., Duct Burner in use) made up of the Gas Turbine, Heat Recovery Steam Generator, Duct Burner, Selective Catalytic Reduction unit, and the Steam Generator, sharing a single emission exhaust stack.

	Applicable Requirement (Peak Load)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4b.1	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Conditions 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.8	F	$NO_X \leq 357.6$ lbs/24-hrs and ≤ 2.0 $ppm_v d$ at 15% O_2, 3-hour average, except during start-up or shut-down.	As specified in applicable requirement 5.4.1.	Comply with applicable requirement for 5.4.1.
5.4b.2	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.8	F	$CO \leq 9.1$ lbs/hr and ≤ 2.0 $ppm_v d$ at 15% O_2, 1-hour average, except during start-up or shut-down.	As specified in applicable requirement 5.4.2.	Comply with applicable requirement for 5.4.2.
5.4b.3	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9	F	$VOC \leq 13.3$ lbs/hr and ≤ 6.0 $ppm_v d$ at 15% O_2, 1-hour average, except during start-up or shut-down.	As specified in applicable requirement 5.4.3.	Comply with applicable requirement for 5.4.3.
5.4b.4	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9	F	$PM \leq 22.3$ lbs/hr	As specified in applicable requirement 5.4.5.	Comply with applicable requirement for 5.4.5.

	Applicable Requirement (Peak Load)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.4b.5	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9, 3.6.2, 3.7.1, 3.7.4, 3.7.8	F	$NH_3 \leq 8.25$ lbs/hr and ≤ 3.0 $ppm_v d$ at 15% O_2, 1-hour average.	As specified in applicable requirement 5.4.7.	Comply with applicable requirement for 5.4.7.
5.4b.6	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.4.1	F	Individual TAP emissions shall not exceed (lb/hr): Acetaldehyde 0.3756 Benzene 0.0388 Formaldehyde 0.4806 Nickel 0.0043 PAH 0.0016 Propylene Oxide 0.0586	None specified.	No additional monitoring required.

5.5 Backup Generator. The following requirements apply to BACKUP GENERATOR.

	Applicable Requirement (Backup Generator)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.5.1	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.3.6, 3.7.5	F	Backup generator shall be limited to 500 hours per rolling 12-month period of operation. The permittee shall operate the backup generator only as needed for maintenance and to provide emergency power.	None specified.	Keep a log of actual backup generator and firewater diesel pump operation shall be kept. The log shall identify the reason for operation, hours of operation, fuel type, fuel consumption, and fuel sulfur content.

5.6 Firewater Pump. The following requirements apply to FIREWATER PUMP.

	Applicable Requirement (Firewater Pump)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee

	Applicable Requirement (Firewater Pump)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
5.6.1	NOC No. 01AQCR-2037 Second Revision, 1/13/05, Condition 3.3.6, 3.7.5	F	Firewater diesel pump shall be limited to 500 hours per rolling 12-month period of operation. The permittee shall operate the firewater pump only as needed for maintenance and to provide fire suppression water.	None specified.	Keep a log of actual backup generator and firewater diesel pump operation shall be kept. The log shall identify the reason for operation, hours of operation, fuel type, fuel consumption, and fuel sulfur content.

6.0 INAPPLICABLE REQUIREMENTS

Ecology has determined that the entire source, including all emission units, is not subject to the following requirements at the time of permit issuance. Some of the requirements listed below may become applicable during the permit term due to an invoking event, even though the requirement is deemed inapplicable at the time of permit issuance. Such requirements shall be met on a timely basis by the permittee by submittal of a compliance schedule therefore, per WAC 173-401-510(2)(h)(iii)(B).

Inapplicable Requirement	Title	Explanation
40 CFR Part 64	Compliance Assurance Monitoring	40 CFR 60.2(b)(1)(vi), exempts units from CAM if CEM is employed. While combustion turbine has pre-controlled PTE > 100 TPY NO_X & CO, both a NO_X & CO CEMS are employed.
40 CFR Part 68	Chemical Accident Provisions	While ammonia is a listed substance, it is not limited for concentrations less than 20%. Permittee has storage capacity of 9,000 gallons of aqueous ammonia, but the aqueous ammonia is limited to 19 1/2 %.
40 CFR Part 63 Subpart Q	National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers	Permittee does not use any chromium-based water treatment chemicals.
40 CFR Part 63 Subpart YYYY	National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines	Combustion turbine predates applicability & is not major for HAPs.
WAC 173-400-099	Registration Program	WAC 173-400-101(7), exempts AOP sources.

7.0 PHASE II ACID RAIN PERMIT

7.1 SHIELD AND OBLIGATION

7.1.1 Permit shield. Each affected unit, specifically identified herein, operated in accordance with this Acid Rain permit shall be deemed to be operating in compliance with the Acid Rain Program, except as provided in 40 CFR 72.9(g)(6). [WAC 173-406-502, 11/23/94; 40 CFR 72.51]

7.1.2 Permit obligation. The owners and operators shall operate each affected unit in compliance with this Permit. Each affected source and each affected unit shall meet the requirements of the Acid Rain Program. [WAC 173-406-106(1)(b) & (7)(d), 11/23/94; 40 CFR 72.9(g)(4); 40 CFR 72.9(a)(2); 40 CFR 72.30(a)]

7.2 STANDARD CONDITIONS

7.2.1 General obligation. The requirements of 40 CFR 75 and regulations implementing section 407 of the FCAA shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the act, applicable requirements of Title 173 WAC, and other provisions of the operating permit for the source. [WAC 173-406-106(2)(c), 11/23/94]

7.2.2 Applicability. Any provision of the acid rain program that applies to the affected source, or the affected unit, shall also apply to the owners and operators. [WAC 173-406-106(7)(e) & (7)(f), 11/23/94]

7.2.3 Designated representative. The designated representative of the source shall represent and, by his or her actions, inactions, or submissions, legally bind each owner and operator of the affected source represented and each affected unit at the source in all matters pertaining to the Acid Rain Program, not withstanding any agreement between the designated representative and such owners and operators. The owners and operators shall be bound by any order issued to the designated representative by the USEPA, Ecology, or a court. [WAC 173-406-201(1), 11/23/94; 40 CFR 72.20(b)]

7.2.4 Authorized account representative.

7.2.4.1 Following the establishment of an Allowance Tracking System account, all matters pertaining to the account, including, but not limited to, the deduction and transfer of allowances in the account, shall be undertaken only by the authorized account representative. The authorized account representative for a general account shall notify, in writing, all persons who have an ownership interest with respect to the allowances held in the account of any Acid Rain Program submission required by 40 CFR 73 or in a procedure under 40 CFR 78, by the date of submission. Each person who has an ownership interest with respect to the allowances held in the account may expressly waive his or her right to receive such notification. [40 CFR 73.33(a), (c)]

7.2.4.2 Identification of allowances by serial number. By no later than **March 1st** of each calendar year, for the previous calendar year, the authorized account representative for each affected unit account may identify by serial number the allowances to be deducted from the compliance subaccount for purposes of compliance with the unit's SO_2 emissions limitation requirements. Such identification shall be made pursuant to 40 CFR 72. [40 CFR 73.35(c)(1)]

[WAC 173-406-106(3), 11/23/94]

7.2.5 SO_2 allowances. The owners and operators shall hold allowances, as of the allowance transfer deadline, in the affected unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of SO_2 for the previous calendar year from the affected unit. [WAC 173-406-106(3)(a)(i), 11/23/94; 40 CFR 72.9(c)(1); 40 CFR 72.9(c)(3)(iv)]

7.2.6 Permit revisions.

7.2.6.1 Permit Revisions shall be made according to 40 CFR 72 subpart H. [40 CFR 72 subpart H]

7.2.6.2 Any designated representative who fails to submit any relevant information or who has submitted incorrect information in a permit revision shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or corrected information to Ecology.

[WAC 173-406-701, 11/23/94; 40 CFR 72.80(g)]

7.2.7 Duty to reapply.

7.2.7.1 This permit is issued for a term, not to exceed five (5) years. The owners and operators right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted no later than **January 4, 2011**. The designated representative shall submit a complete Acid Rain permit application, to Ecology, and shall include the following elements in a format prescribed by Ecology:

7.2.7.1.1 The original and three copies of all permit applications

7.2.7.1.2 Identification of the affected source for which the permit application is submitted;

7.2.7.1.3 Identification of each affected unit at the source for which the permit application is submitted;

7.2.7.1.4 A complete compliance plan, including certification that, for SO_2 emissions, as of the allowance transfer deadline, the designated representative will hold allowances in the affected unit's compliance subaccount (after deductions under 40 CFR 73.34(c) of this chapter), not less than the total annual emissions of SO_2 from the affected unit.

7.2.7.1.5 The standard requirements under 40 CFR 72.9.

7.2.7.1.6 The date that the affected unit has commenced or will commence operation and the deadline for monitor certification.

[WAC 173-406-106(1)(a)(i), 11/23/94; WAC 173-406-106(3) & (4), 11/23/94; WAC 173-406-302, 11/23/94; WAC 173-406-401(1), 11/23/94]

7.2.7.2 Submit in a timely manner any supplemental information that Ecology determines is necessary in order to review the Acid Rain permit application and issue or deny an Acid Rain permit.
[WAC 173-406-106(1)(a)(ii), 11/23/94; 40 CFR 72.9(a)(1)(iii); 40 CFR 72.30(a),(c), (d); 40 CFR 72.31; 40 CFR 72.40(a)]

[WAC 173-605(1), 11/23/94; RCW 70.94.221, 2000 (S)]

7.3 Monitoring

7.3.1 Duty to monitor. The owners and operators and, to the extent applicable, designated representative shall comply with the monitoring requirements as provided in 40 CFR 75. No owner or operator of an affected unit shall operate the unit without complying with the requirements of 40 CFR 75.2 through 75.75 and appendices A through G. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 72.9(b)(1); 40 CFR 75.5(b)]

7.3.2 Monitoring provisions. The owner or operator shall install, certify, operate, and maintain, in accordance with all the requirements of 40 CFR 75, a NO_X CEMS (consisting of a NO_X pollutant concentration monitor and an O_2 diluent gas monitor) with the automated data acquisition and handling system for measuring and recording NO_X concentration (in ppm), O_2 concentration (in percent O_2) and NO_X emission rate (in lb/mmBtu) discharged to the atmosphere. The owner or operator shall account for total NO_X emissions, both NO and NO_X, either by monitoring for both NO and NO_X or by monitoring for NO only and adjusting the emissions data to account for NO_X. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.10(a)(2)]

7.3.3 CEMS. The owner or operator shall operate, calibrate and maintain each CEMS used to report emission data under the Acid Rain Program according to 40 CFR 75.21. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.21]

7.3.4 SO_2 emission monitoring. The owner or operator shall ensure that an excepted monitoring system under 40 CFR 75 appendix D meets the applicable general operating requirements of 40 CFR 75.10, the applicable requirements of appendix D, and the initial certification or recertification requirements of 40 CFR 75.20(g). [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.20(g)]

7.3.5 NO_X CEMS. The owner or operator shall meet the general operating requirements in 40 CFR 75.10 for a NO_X-diluent CEMS, except as provided in accordance with subpart E of this part. However, the heat input apportionment provisions in section 2.1.2 of 40 CFR 75 appendix D shall not be used to meet the NO_X mass reporting provisions of this subpart, except as provided in 40 CFR 75.72(a). [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.71(c)(2)]

7.3.6 Primary equipment performance requirements. The owner or operator shall ensure that each CEMS required by 40 CFR 75 meets the equipment, installation, and performance specifications in 40 CFR 75 appendix A; and is maintained according to the quality assurance and quality control procedures in 40 CFR 75 appendix B; and shall record NO_X emissions in the appropriate units of measurement (i.e., lb/mmBtu for NO_X). [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.10(b)]

7.3.7 CEMS recertification.

7.3.7.1 The owner or operator shall recertify the CEMS according to 40 CFR 75.20, whenever:

7.3.7.1.1 A replacement, modification, or change in a certified CEMS that may significantly affect the ability of the system to accurately measure or record the NO_X emission rate, or to meet the requirements of 40 CFR 75.21 or 40 CFR 75 appendix B.

7.3.7.1.2 A replacement, modification, or change to the flue gas handling system or the affected unit operation may significantly change the flow or concentration profile.

7.3.7.1.3 The monitor path length changes.

7.3.7.1.4 Any change to a gas monitoring system for which a RATA is not necessary.

7.3.7.2 The data validation procedures in 40 CFR 75.20(b)(3) shall be applied to RATAs associated with changes to flow or moisture monitor coefficients, and to linearity checks, 7-day calibration error tests, and cycle time tests, when these are required as diagnostic tests.

7.3.7.3 Tests required.

7.3.7.3.1 For all recertification testing, the owner or operator shall complete all initial certification tests in 40 CFR 75.20(c) that are applicable to the monitoring system, including.

7.3.7.3.1.1 For each NO_X-diluent CEMS:

7.3.7.3.1.2 O_2 diluent gas monitor certified for use in a NO_X CEMS may be submitted to meet the requirements of 40 CFR 75.20 (c)(4).

7.3.7.3.1.3 For the automated data acquisition and handling system

7.3.7.3.2 For diagnostic testing after changing the K factor or mathematical algorithm of a moisture monitoring system, the owner or operator shall complete a RATA.

7.3.7.4 Notification. The owner, operator, or designated representative shall submit notice of testing dates for recertification under this paragraph as specified in 40 CFR 75.61(a)(1)(ii).

7.3.7.5 Data validation. The data validation provisions in 40 CFR 75.20(b)(3)(i) through (b)(3)(ix) shall apply to all CEMS recertifications and diagnostic testing. The provisions in 40 CFR 75.20(b)(3)(ii) through (b)(3)(ix) may also be applied to initial certifications and may be used to supplement the linearity check and RATA data validation procedures in sections 2.2.3(b) and 2.3.2(b) of 40 CFR 75 appendix B.

7.3.7.6 Recertification application. The designated representative shall apply for recertification of each CEMS used under the Acid Rain Program. The owner or operator shall submit the recertification application in accordance with 40 CFR 75.60, and each complete recertification application shall include the information specified in 40 CFR 75.63.

[WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.20(b), (c)]

7.3.8 Monitoring plan.

7.3.8.1 General provisions. The owner or operator shall meet the requirements of 40 CFR 75.53 paragraphs (a), (b), (e) and (f).

7.3.8.2 The owner or operator shall prepare and maintain a monitoring plan. Except as provided in 40 CFR 75.53(f) (as applicable), a monitoring plan shall contain sufficient information on the CEMS, excepted monitoring systems under 40 CFR 75 appendix D and the use of data derived from these systems to demonstrate that all unit NO_X emissions are monitored and reported.

7.3.8.3 Whenever the owner or operator makes a replacement, modification, or change in the certified CEMS, excepted monitoring system under 40 CFR 75 appendix D, including a change in the automated data acquisition and handling system or in the flue gas handling system, that affects information reported in the monitoring plan, then the owner or operator shall update the monitoring plan.

7.3.8.4 Contents of the monitoring plan. Each monitoring plan shall contain the information in 40 CFR 75.53(e)(1) and (f)(1)(i) and (f)(g) in electronic format and the information in 40 CFR 75.53(e)(2) and (f)(1)(ii) in hardcopy format. Electronic storage of all monitoring plan information, including the hardcopy portions, is permissible provided that a paper copy of the information can be furnished upon request for audit purposes. Additionally, for each monitoring system recertification, maintenance, or other event, the designated representative shall include the information in 40 CFR 75.53(f)(4) in electronic format.

[WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.53(a), (b), (e), (f)]

7.3.9 Primary equipment hourly operating requirements. The owner or operator shall ensure that all CEMS required by 40 CFR 75 are in operation and monitoring unit emissions at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant 40 CFR 75.21 and appendix B, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall ensure that the following requirements are met:

7.3.9.1 Each CEMS and component thereof is capable of completing a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-min interval. The owner or operator shall reduce all O_2 concentration, NO_X concentration, and NO_X emission rate data collected by the monitors to hourly averages. Hourly averages shall be computed using at least one data point in each fifteen minute quadrant of an hour, where the unit combusted fuel during that quadrant of an hour. Notwithstanding this requirement, an hourly average may be computed from at least two data points separated by a minimum of 15 minutes (where the unit operates for more than one quadrant of an hour) if data are unavailable as a result of the performance of calibration, quality assurance, or preventive maintenance activities pursuant to 40 CFR 75.21 and appendix B, backups of data from the data acquisition and handling system, or recertification, pursuant to 40 CFR 75.20. The owner or operator shall use all valid measurements or data

points collected during an hour to calculate the hourly averages. All data points collected during an hour shall be, to the extent practicable, evenly spaced over the hour.

7.3.9.2 If a valid hour of data is not obtained, the owner or operator shall estimate and record emissions for the missing hour by means of the automated data acquisition and handling system, in accordance with the applicable procedure for missing data substitution in 40 CFR 75 subpart D.

[WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.10(d)]

7.3.10 CEMS obligation.

7.3.10.1 No owner or operator shall disrupt the CEMS, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NO_X emissions discharged to the atmosphere, except for periods of recertification, or periods when calibration, quality assurance, or maintenance is performed pursuant to 40 CFR 75.21 and appendix B. [40 CFR 75.5(e)]

7.3.10.2 No owner or operator shall retire or permanently discontinue use of the CEMS, any component thereof, or any other approved emission monitoring system under 40 CFR 75, except under any one of the circumstances listed in 40 CFR 75.5(f).

[WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.5(e), (f)]

7.3.11 Heat input measurement requirement. The owner or operator shall determine and record the heat input to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in 40 CFR 75 appendix F. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.10(c)]

7.3.12 Minimum measurement capability requirement. The owner or operator shall ensure that each CEMS and component thereof is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of 40 CFR 75 appendix A. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.10(f)]

7.3.13 Minimum recording and reporting requirements. The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of this part as specified in 40 CFR 75 subparts F and G. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.10(g)]

7.3.14 Precision criteria. Data collection, analysis, screening, calculation adjustments, and statistical tests shall be performed according to 40 CFR 75.41. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.41]

7.4 Recordkeeping

7.4.1 Record retention.

7.4.1.1 The owners and operators shall keep on site at the affected source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the USEPA or Ecology.

7.4.1.1.1 The certificate of representation and all documents that demonstrate the truth of the statements in the certificate of representation, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation

7.4.1.1.2 All emissions monitoring information, in accordance with part 40 CFR 75, provided that to the extent that 40 CFR 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.

7.4.1.1.3 Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

7.4.1.1.4 Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

[WAC 173-406-106(6), 11/23/94; 40 CFR 72.9(f)(1)]

7.4.1.2 Recordkeeping requirement. The owner or operator shall maintain for each affected unit a file of all data and information required under 40 CFR 75.57(a), at the source, in a form suitable for inspection, for at least three (3) years from the date of each record. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.57]

7.4.2 CEMS records. The owner or operator shall record the applicable information in 40 CFR 75.59 for each certified monitor or certified monitoring system measuring and recording emissions from an affected unit, including;

7.4.2.1 For each NO_X pollutant concentration monitor or diluent gas monitor (including wet- and dry-basis O_2 monitors used to determine percent moisture), the owner or operator shall record the information in 40 CFR 75.59(a) for all calibration error tests and all off-line calibration demonstrations, including any follow-up tests after corrective action.

7.4.2.2 The owner or operator shall record the applicable information from 40 CFR 75.59(b) for each accepted monitoring system following the requirements of 40 CFR 75 appendix D for determining excepted monitoring and recording emissions from an affected unit.

7.4.2.3 The owner or operator shall keep the records, required by 40 CFR 75.59(c) on-site in the quality assurance/quality control plan required by section 1 of 40 CFR 75 appendix B.

[WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.59]

7.4.3 General recordkeeping. The owner or operator shall maintain a file of all measurements, data, reports, and other information required by 40 CFR 75 at the source in a form suitable for inspection for at least three (3) years from the date of each record. Except for the certification data required in 40 CFR 75.57(a)(4) and the initial submission of the monitoring plan required in 40 CFR 75.57(a)(5), the data shall be collected beginning with the earlier of the date of provisional certification or the deadline in 40 CFR 75.70. The certification data required in 40 CFR 75.57(a)(4) shall be collected beginning with the date of the first certification test performed. The file shall contain the information specified in 40 CFR 75.73(a). [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.73(a)]

7.4.4 Monitoring plan recordkeeping. Whenever the owner or operator makes a replacement, modification, or change in the certified CEMS, excepted methodology 40 CFR Sec. 75.19, excepted monitoring system under 40 CFR 75 appendix E, including a change in the automated data acquisition and handling system or in the flue gas handling system, that affects information reported in the monitoring plan, then the owner or operator shall update the monitoring plan. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.73(c)]

7.4.5 Emissions. No owner or operator shall operate the affected unit so as to discharge, or allow to be discharged, emissions of SO_2, NO_X, or CO_2 to the atmosphere without accounting for all such emissions in accordance with the provisions of 40 CFR 75.10 through 75.19. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.5(d)]

7.4.6 SO_2 emissions. The owner or operator shall measure and record SO_2 emissions by providing other information satisfactory to EPA using the applicable procedures specified in 40 CFR 75 appendix D for estimating hourly SO_2 mass emissions. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.11(d)]

7.4.7 SO_2 allowances.

7.4.7.1 The following formula shall be used to determine the total number of allowances to be deducted for the calendar year from the allowances held in an affected unit's compliance subaccount as of the allowance transfer deadline applicable to that year:

Total allowances deducted = Tons emitted + Allowances surrendered for underutilization

where:

"Tons emitted" is the total tons of SO_2 emitted by the unit during the calendar year, as reported in accordance with 40 CFR 75.

"Allowances surrendered for underutilization"' is the total number of allowances calculated in accordance with 40 CFR 72.92 (a) and (c).

[40 CFR 72.95]

7.4.7.2 Calculation rounding. All allowances under 40 CFR 72 and 73 shall be allocated as whole allowances. All calculations for such allowances shall be rounded down for decimals less than 0.500 and up for decimals of 0.500 or greater. [40 CFR 73.12(a)]

[WAC 173-406-106(3), 11/23/94]

7.4.8 NO_X emissions. The owner or operator shall calculate hourly, quarterly, and annual NO_X emission rates (in lb/mmBtu) by combining the NO_X concentration (in ppm), and diluent concentration (in percent O2), measurements according to the procedures in 40 CFR 75 appendix F. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.12(c)]

7.4.9 NO_X mass emissions. Except as provided in paragraphs (e) and (f) of 40 CFR 75.72, the owner or operator shall calculate hourly NO_X mass emissions (in lbs) by multiplying the hourly NO_X emission rate (in lbs/mmBtu) by the hourly heat input (in mmBtu/hr) and the hourly operating time (in hr). The owner or operator shall also calculate quarterly and cumulative year-to-date NO_X mass emissions and cumulative NO_X mass emissions for the ozone season (in tons) by summing the hourly NO_X mass emissions according to the procedures in section 8 of 40 CFR 75 appendix F. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.72 1st paragraph]

7.4.10 Out-of-control periods and system bias.

7.4.10.1 If an out-of-control period occurs to a monitor or CEMS, the owner or operator shall take corrective action and repeat the tests applicable to the "out-of-control parameter" as described in 40 CFR 75 appendix B.

7.4.10.2 When a monitor or CEMS is out-of-control, any data recorded by the monitor or monitoring system are not quality-assured and shall not be used in calculating monitor data availabilities pursuant to 40 CFR 75.32.

7.4.10.3 When a monitor or CEMS is out-of-control, the owner or operator shall take action under 40 CFR 75.24(c) until the monitor or monitoring system has successfully met the relevant criteria in 40 CFR 75 appendices A and B as demonstrated by subsequent tests.

7.4.10.4 When the bias test indicates that a NO_X concentration monitoring system used to determine NO_X mass emissions, as defined in 40 CFR 75.71(a)(2), is biased low the owner or operator shall adjust the monitor or CEMS to eliminate the cause of bias such that it passes the bias test or calculate and use the bias adjustment factor as specified in section 2.3.4 of 40 CFR 75 appendix B.

[WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.24(a), (b), (c), (d)]

7.4.11 Missing data procedures for NO_X. The owner or operator shall either record the applicable information in 40 CFR 75.58(b)(3) for each hour of missing NO_X emission rate (in addition to other information), or shall record the information in 40 CFR 75.58(b)(2). [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.58]

7.4.12 NO_X emission controls.

7.4.12.1 The owner or operator shall use one of the options in 40 CFR 75.34(a) for each hour in which quality-assured data from the outlet NO_X monitoring system(s) are not obtained.

7.4.12.2 The owner or operator shall keep records of information as described in 40 CFR 75 subpart F to verify the proper operation of the NO_X emission controls during all periods of NO_X emission missing data.

[WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.34(a), (d)]

7.4.13 Missing data procedures for heat input determinations. When hourly heat input is determined using a diluent gas (O_2) monitor, substitute data must be provided to calculate the heat input whenever quality assured data are unavailable from the flow monitor, the diluent gas monitor, or both, according to 40 CFR 75.36. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.36]

7.4.14 Missing data procedures for moisture. The owner or operator of an affected unit with a continuous moisture monitoring system shall substitute for missing moisture data using the procedures of 40 CFR 75.37. [WAC 173-406-106(2)(a), 11/23/94; 40 CFR 75.37]

7.5 Reporting

7.5.1 Addresses. All reporting, shall be sent to the identified entity at the corresponding address(es), as listed below:

Department of Ecology
Section Manager
Central Regional Office
15 West Yakima Avenue, Suite 200
Yakima, WA 98902

USEPA
Acid Rain Program (6204N)
1200 Pennsylvania Avenue, NW
Washington DC 20460

EPA Region 10
Director
EPA Office of Air Quality
1200 Sixth Avenue, OAQ 107
Seattle, WA 98101

Director
Acid Rain Division (6204J)
401 M Street, SW
Washington DC 20460

7.5.2 Certification by designated representative. Each submission under the Acid Rain Program shall be submitted, signed, and certified by the designated representative. The designated representative shall certify, by his or her signature:

7.5.2.1 ``I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made."

7.5.2.2 ``I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

[WAC 173-406-201(2) & (3), 11/23/94; 40 CFR 72.21(a), (b)]

7.5.3 Designated representative reporting. The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 72 subpart I and 40 CFR 75. [40 CFR 72.9(f)(2)] The designated representative shall comply with all reporting requirements of 40 CFR 75 and with the signatory requirements of 40 CFR 72.21 for all submissions. The designated representative shall comply with all reporting requirements in 40 CFR 75.73. The designated representative shall submit all reports and petitions (except as provided in Sec. 75.61) as follows:

7.5.3.1 Initial certifications. The designated representative shall submit initial certification applications according to 40 CFR 75.63, and initial certification and recertification applications in accordance with 40 CFR 75.70(d).

7.5.3.2 Recertifications. The designated representative shall submit recertification applications according to 40 CFR 75.63.

7.5.3.3 Monitoring plans. The designated representative shall submit monitoring plans according to 40 CFR 75.62 and in accordance with 40 CFR 75.70(e). Monitoring plan reporting shall be completed as follows:

7.5.3.3.1 Electronic submission. The designated representative shall submit a complete, electronic, up-to-date monitoring plan file (except for hardcopy portions identified in paragraph (e)(2) of this section) as follows:

7.5.3.3.1.1 To Ecology, no later than 45 days prior to the initial certification test and at the time of recertification application submission; and

7.5.3.3.1.2 To the USEPA, no later than 45 days prior to the initial certification test, at the time of submission of a recertification application, and in each electronic quarterly report.

7.5.3.3.2 Hardcopy submission. The designated representative shall submit all of the hardcopy information required under 40 CFR 75.53, to Ecology prior to initial certification. Thereafter, the designated representative shall submit hardcopy information only if that portion of the monitoring plan is revised. The designated representative shall submit the required hardcopy information as follows: no later than 45 days prior to the initial certification test; with any recertification application, if a hardcopy monitoring plan change is associated with the recertification event; and within 30 days of any other event with which a hardcopy monitoring plan change is associated, pursuant to 40 CFR 75.53(b).

7.5.3.4 Electronic quarterly reports. The designated representative shall submit electronic quarterly reports according to 40 CFR 75.64 and in accordance with 40 CFR 75.70(f). Quarterly reports shall be submitted as follows:

7.5.3.4.1 Electronic submission. The designated representative shall electronically report the data and information in 40 CFR 75.73(f)(1), (2) and (3) to the USEPA quarterly. Each electronic report must be submitted to the USEPA within 30 days following the end of each calendar quarter. Each electronic report shall include the date of report generation, for the information provided in 40 CFR 75.73(f)(1)(ii) through (1)(vi), and shall also include the requirements listed at 40 CFR 75.73(f)(1).

7.5.3.4.2 The designated representative shall certify that the component and system identification codes and formulas in the quarterly electronic reports submitted to the USEPA pursuant to 40 CFR 75.73(e) represent current operating conditions.

7.5.3.4.3 Compliance certification. The designated representative shall submit and sign a compliance certification in support of each quarterly emissions monitoring report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall include the required statements of 40 CFR 75.73(f)(3).

7.5.3.4.4 The designated representative shall comply with all of the quarterly reporting requirements in 40 CFR 75.64(d), (f), and (g).

7.5.3.5 Notifications. The designated representative shall submit written notice to Ecology according to the provisions in 40 CFR 75.61.

7.5.3.6 Other petitions and communications. The designated representative shall submit petitions, correspondence, application forms, designated representative signature, and petition-related test results in hardcopy to the USEPA in accordance with 40 CFR 75.70(h). Additional petition requirements are specified in 40 CFR 75.66 and 75.67.

[WAC 173-406-106(6)(c), 11/23/94; 40 CFR 75.60(a), (b); 40 CFR 75.73]

7.5.4 Submissions. The designated representative for an affected unit (or owner or operator, as specified) shall submit notice to the USEPA, to the EPA Region 10 Office, and Ecology for the following purposes:

7.5.4.1 Recertification. The owner or operator or designated representative shall submit written notification of recertification tests, and revised test dates as specified in 40 CFR 75.20 for CEMS, except as provided in paragraphs 40 CFR 75.61(a)(1)(iii), (a)(1)(iv) and (a)(4) and except for testing only of the data acquisition and handling system. Each application for initial certification or recertification shall contain the information, and be in the format, specified in 40 CFR 75.63(b) and (c).

7.5.4.2 Recertifications.

7.5.4.2.1 Within 45 days after completing all recertification tests, submit to the USEPA the electronic information required by 40 CFR 75.63(b)(1) and a hardcopy certification application form (EPA form 7610-14). Except for subpart E applications for alternative monitoring systems or unless specifically requested by the USEPA, do not submit a hardcopy of the test data and results to the USEPA.

7.5.4.2.2 Within 45 days after completing all recertification tests, submit the hardcopy information required by 40 CFR 75.63(b)(2) to the EPA Region 10 Office and Ecology

7.5.4.3 Periodic relative accuracy test audits. The owner or operator or designated representative shall submit written notice of the date of periodic relative accuracy testing performed under appendix B of this part no later than 21 days prior to the first scheduled day of testing. Testing may be performed on a date other than that already provided in a notice, as long as notice of the new date is provided either in writing or by telephone or other means acceptable to the respective State agency or office of EPA, and the notice is provided as soon as practicable after the new testing date is known, but no later than twenty-four (24) hours in advance of the new date of testing. Written notification may be provided either by mail, facsimile, or electronic mail.

[WAC 173-406-106(6)(c), 11/23/94; 40 CFR 75.61(a); 40 CFR 75.63]

7.5.5 Monitoring plan.

7.5.5.1 Electronic. Using the format specified by the USEPA, the designated representative shall submit a complete, electronic, up-to-date monitoring plan file (except for hardcopy portions identified in (2) of this section) to the USEPA at the time of recertification application submission and in each electronic quarterly report.

7.5.5.2 Hardcopy. The designated representative shall submit all of the hardcopy information required in 40 CFR 75.53 to the EPA Region10 Office and Ecology prior to initial certification. Thereafter, the designated representative shall submit hardcopy information only if that portion of the monitoring plan is revised. The designated representative shall submit the required hardcopy information as follows: with any recertification application, if a hardcopy monitoring plan change is associated with the recertification event and within 30 days of any other event with which a hardcopy monitoring plan change is associated, pursuant to 40 CFR 75.53(b). Electronic submittal of all monitoring plan information, including hardcopy portions, is permissible provided that a paper copy of the hardcopy portions can be furnished upon request.

7.5.5.3 Contents. Monitoring plans shall contain the information specified in 40 CFR 75.53.

[WAC 173-406-106(6)(c), 11/23/94; 40 CFR 75.62]

7.5.6 Quarterly reports.

7.5.6.1 Electronic submission. The designated representative shall electronically report the data and information in 40 CFR 75.64(a), (b), and (c) to the USEPA quarterly, beginning with the data from the later of: the calendar quarter corresponding to the date of provisional certification; or the calendar quarter corresponding to the relevant deadline for initial certification in 40 CFR 75.4(a), (b), or (c), whichever quarter is earlier. The initial quarterly report shall contain hourly data beginning with the hour of provisional certification or the hour corresponding to the relevant certification deadline, whichever is earlier. For any provisionally-certified monitoring system, 40 CFR 75.20(a)(3) shall apply for initial certifications, and 40 CFR 75.20(b)(5) shall apply for recertifications. Each electronic report must be submitted to the USEPA within 30 days following the end of each calendar quarter. Each electronic report shall contain the information specified in 40 CFR 75.64(a), (b).

7.5.6.2 Compliance certification. The designated representative shall submit a certification in support of each quarterly emissions monitoring report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall indicate whether the monitoring data submitted were recorded in accordance with the applicable requirements of this part including the quality control and quality assurance procedures and specifications of 40 CFR 75 and its appendices, and any such requirements, procedures and specifications of an applicable excepted or approved alternative monitoring method. The designated representative shall also include a certification, for all hours where data are substituted following the provisions of 40 CFR 75.34(a)(1), that the add-on emission controls were operating within the range of parameters listed in the monitoring plan and that

the substitute values recorded during the quarter do not systematically underestimate NO_X emissions, pursuant to 40 CFR 75.34.

7.5.6.3 Electronic format. Each quarterly report shall be submitted in a format to be specified by the USEPA, including both electronic submission of data and electronic or hardcopy submission of compliance certifications.

7.5.6.4 Method of submission. All quarterly reports shall be submitted to USEPA by direct computer-to-computer electronic transfer via modem and USEPA-provided software, unless otherwise approved by the USEPA.

7.5.6.5 Any cover letter text accompanying a quarterly report shall either be submitted in hardcopy to the USEPA or be provided in electronic format compatible with the other data required to be reported under 40 CFR 75.64.

[WAC 173-406-106(6)(c), 11/23/94; 40 CFR 75.64]

7.5.7 Excess emissions requirements. The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. The owners and operators shall comply with the terms of an approved offset plan, as required by 40 CFR 77. [WAC 173-406-106(5)(a), 11/23/94; 40 CFR 72.9(e)]

7.5.8 SO_2 emissions.

7.5.8.1 Allowance transfer submittals. All submittals under 40 CFR 73 subpart D, Allowance Transfers, shall be made by the designated representative to the Director and shall meet the requirements specified in 40 CFR 72.21. [40 CFR 73.13]

7.5.8.2 Submission of transfers. Authorized account representatives seeking recordation of an allowance transfer shall request such transfer by submitting to the USEPA, in a format to be specified by the USEPA, an Allowance Transfer Form. The request shall be made according to 40 CFR 73.50(b) [40 CFR 73.50(b)(1), (2)]

7.5.8.3 SO_2 excess emissions.

7.5.8.3.1 Not later than **March 1st** of the following calendar year during which an affected unit had excess emissions of SO_2 (except for any increase in excess emissions under 40 CFR 72.91(b) of this chapter), the designated representative shall submit to the USEPA a complete proposed offset plan, meeting the requirements of 40 CFR 77.3, to offset those emissions.

7.5.8.3.2 The designated representative shall hold enough allowances in the appropriate compliance subaccount to cover the deductions to be made in accordance with 40 CFR 77.5 (a) or (c).

[40 CFR 77.5(b)]

7.5.8.4 SO_2 auctions. Sealed bids shall be sent to the USEPA using the Bid Form for SO_2 Allowance Auctions or some method of electronic transfer if the USEPA, following public notice, so requires or permits at some future time. The bid form shall include all elements identified in 40 CFR 73.71(b) and shall be accompanied by payment according to 40 CFR 73.71(c). [40 CFR 73.71]

[WAC 173-406-106(3), 11/23/94]

7.5.9 Annual compliance certification. For each calendar year, the designated representative shall submit to USEPA and Ecology, by **March 1st** of the following calendar year, an annual compliance certification report for the unit. The compliance certification report shall contain all of the elements listed in 40 CFR 72.90(b), in a format prescribed by USEPA concerning the affected unit and the calendar year covered by the report. [WAC 173-406-106(6)(c), 11/23/94; WAC 173-406-801(1), 11/23/94; 40 CFR 72.90]

7.5.10 Duty to update. Within 30 days following any change in the owners and operators of an affected unit, including the addition of a new owner or operator, the designated representative or any alternative designated representative, shall submit, to USEPA and Ecology, a revision to the certificate of representation amending the list of owners and operators to include the change. [40 CFR 72.23(c)(2)]