Design Package No. LAW-026A, Rev. 0, for the LAW Facility LVP System Miscellaneous Unit (HEPA Preheaters LVP-HTR-00001A/B & 00003A/B) Table of Contents

CCN 262122

For Incorporation into the Permit

May 16, 2014

Engineering Document Title	Document Number	Revision	Permit Conditions	Included	Remarks
IQRPE Independent Assessment Report	24590-CM-HC4-HXYG-00240-02-00010	00A	III.10.H.5.c.i	Y	Incorporate IQRPE report into Appendix 9.11
Permit Drawings					
General Arrangement Plan	24590-LAW-P1-P01T-00005	5	III.10.H.5.c.ii	Y	Incorporate Rev. 5 into Appendix 9.4, and remove Rev. 4 for Appendix 9.4
Drawing Change Notice for 24590-LAW-P1-P01T-00005	24590-LAW-P1N-P01T-00070			Y	Incorporate into Appendix 9.4
Drawing Change Notice for 24590-LAW-P1-P01T-00005	24590-LAW-P1N-P01T-00073			Y	Incorporate into Appendix 9.4
Drawing Change Notice for 24590-LAW-P1-P01T-00005	24590-LAW-P1N-P01T-00075			Y	
Process Flow Diagram	24590-LAW-M5-V17T-00010	4	III.10.H.5.c.ii	N	In Appendix 9.1.
Drawing Change Notice for 24590-LAW-M5-V17T-00010	24590-LAW-M5N-V17T-00030			Y	Incorporate into Appendix 9.1
Piping & Instrumentation Diagram	24590-LAW-M6-LVP-00001002	0	III.10.H.5.c.ii	N	In Appendix 9.2.
Mechanical Drawings					
Vendor – Mechanical Drawing for the LAW HEPA Filter Preheater	24590-CD-POA-MEE0-00003-03-00004 24590-CD-POA-MEE0-00003-03-00005	00H 00I	III.10.H.5.c.ii III.10.H.5.c.vi	Y	For incorporation into Appendix 9.6
Mechanical Data Sheets					
Vendor - HEPA Filter Preheater	24590-CD-POA-MEE0-00003-15-00007	00C	III.10.H.5.c.ii	Y	For incorporation into Appendix 9.6
Engineering Specifications					

Design Package No. LAW-026A, Rev. 0, for the LAW Facility LVP System Miscellaneous Unit (HEPA Preheaters LVP-HTR-00001A/B & 00003A/B) Table of Contents

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May 16, 2014

Engineering Document Title	Document Number	Revision	Permit Conditions	Included	Remarks
Pressure Vessel Design and Fabrication	24590-WTP-3PS-MV00-T0001	4	III.10.H.5.c.ii III.10.H.5.c.iii	N	In Appendix 7.7
Seismic Qualification Criteria for Pressure Vessels	24590-WTP-3PS-MV00-T0002	3		N	In Appendix 7.7
Positive Material Identification (PMI) for Shop Fabrication	24590-WTP-3PS-G000-T0002	8		N	In Appendix 7.7
Secondary Containment Design	24590-WTP-PER-CSA-02-001	10	III.10.H.5.c.ii III.10.H.5.c.iii	N	In Appendix 7.5
Underground Pipe Protection	Not applicable	-	III.10.H.5.c.iv	N/A	There are no underground pipes in the LAW facility El. 3 ft and above
Corrosion Evaluation -HEPA Filter Preheater	24590-LAW-N1D-LVP-00009	1	III.10.H.5.c.iii III.10.H.5.c.v	Y	Incorporate Preheater Corrosion Evaluation in Appendix 9.9
LAW Vitrification Offgas System Bypass Analysis	24590-LAW-PER-PR-03-001	2	III.10.H.5.c.ix	N	In Appendix 9.18
Installation for Tank Systems and Miscellaneous Treatment Unit Systems	24590-WTP-PER-CON-02-001	6	III.10.H.5.c.x	N	In Appendix 7.12

Design Package No. LAW-026A, Rev. 0, for the LAW Facility LVP System Miscellaneous Unit (HEPA Preheaters LVP-HTR-00001A/B & 00003A/B)

Table of Contents

For Incorporation into the Administrative Record

Engineering Document Title	Document Number	Revision	Permit Condition	Included	Remarks
Structural Support Calculations for Off Spec, Non-Standard or Field Fabricated Miscellaneous Treatment Subsystems	Not Applicable - See Remarks	-	III.10.H.5.c.iii	N	There are no Off Spec, Non-Standard or Field Fabricated Miscellaneous Unit Subsystems in the LAW facility (Preheaters are vendor fabricated
System Description for LOP and LVP: LAW Melter Offgas	24590-LAW-3YD-LOP-00001	3	III.10.H.5.c.vii	N	In Administrative Record (CCN 261065)
System Description Change Notice – Update Chapter 6 Description of HEPA Preheaters	24590-LAW-3YN-LOP-00015	N/A	III.10.H.5.c.vii	Y	For incorporation into Administrative Record
Mass and Energy Balance	24590-WTP-RPT-PT-02-005	6	III.10.H.5.c.viii	N	In Administrative Record, ORP letter 11-ESQ-224 dated 10/25/11 , Submittal of Mass and Energy Balance Information (CCN 241137)
	24590-WTP-RPT-PET-10-022	0			
	24590-WTP-MRR-PET-10-010	0			
Toxic Vapors and Emissions from WTP Tank Systems and Miscellaneous Treatment Unit Systems	24590-WTP-PER-PR-03-002	3	III.10.H.5.c.xi	N	In Administrative Record (CCN 178564)
Prevention of Hydrogen Accumulation in WTP Tank Systems and Miscellaneous Treatment Unit Systems	24590-WTP-PER-PR-03-001	1	III.10.H.5.c.xii	N	In Administrative Record (CCN 078481)