



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY  
3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

January 31, 2007

Mr. Roy J. Schepens, Manager  
Office of River Protection  
United States Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99352

Re: Temporary Construction Site Heater Approval

- References:
1. *Temporary Authorization Request for WTP Construction Site Heaters*, Electronic Transmittal, R. Haggard to D. Hendrickson, January 25, 2007.
  2. *River Protection Project – Waste Treatment Plant Notice of Construction (NOC) Approval Order*, M. A. Wilson to R. E. Rasmussen, July 8, 2002.

Dear Mr. Schepens:

This letter is in response to the Reference 1 notification delivered by your contractor, Bechtel National Inc., under Chapter 173-400 of the Washington Administrative Code (WAC). This notification regards proposed portable and temporary sources upon the construction site of the Waste Treatment and Immobilization Plant. The proposed sources include up to 30 diesel heaters and up to 30 propane heaters for concrete pours, special coating application, and worker comfort.

The information provided within the notification is sufficient to comply with the informational needs of WAC 173-400-035(1). These portable and temporary source operations are approved for a period not to exceed four months.

Operations of these sources remain subject to emission standards of WAC 173-400-040 and WAC 173-400-050. No further information submittals are required; however, certain information must be available for inspection as described below.

WAC 173-400-035(1) allows the Department of Ecology to establish specific conditions for operation of a temporary source. Ecology, herein, establishes specific conditions of operation as:

1. The operation of up to 30 diesel-fired heaters, each not exceeding 1,000,000 British Thermal Units per hour (BTU/hr), is approved through May 30, 2007.



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2. The operation of up to 30 propane-fired heaters, each not exceeding 450,000 BTU/hr, is approved through May 30, 2007.
3. Operation beyond May 30, 2007, may only be conducted following approval by Ecology of a notice submitted under WAC 173-400-110 or WAC 173-400-560, as appropriate, as a modification to NOC Approval Order DE02NWP-002 (Reference 2 or as revised at the time of submittal).
4. The subject operations shall be available for inspection by Ecology upon request.
5. Diesel fuel used in firing these heaters shall not exceed 0.05 percent by weight sulfur.
6. Records of fuel usage shall be maintained at the operations site and shall be available for Ecology inspection.

If you have any questions or require additional information regarding this response, please contact me at 509-372-7983.

Sincerely,



Doug Hendrickson, P.E.  
Lead Air Engineer  
Nuclear Waste Program

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cc: Dennis Bowser, USDOE  
Bradley Erlandson, BNI  
Robert Haggard, BNI  
Philip Peistrup, BNI  
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