

PDR 70-984

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**Battelle**  
Pacific Northwest Laboratories  
P.O. Box 999  
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Telephone (509) 946-2201  
Telex 32-6345

9 May 1979

U.S. REG.  
SECTION

Office of Nuclear Material Safety & Safeguards  
Division of Materials & Fuel Cycle Facility  
Licensing  
Fuel Processing & Fabrication Branch  
Uranium Processing Section  
ATTN: Mr. W. T. Crow  
Nuclear Regulatory Commission  
Washington, D. C., 20555

Applicant.....
Check No. <i>085/6P</i> .....
Ant/Fee Category <i>11,100-16</i> .....
Type of Fee <i>Renewal</i> .....
Date Check Rec'd. <i>5/14</i> .....
Received By <i>Wilson</i> .....

Dear Mr. Crow:

APPLICATION FOR RENEWAL OF SPECIAL NUCLEAR MATERIALS  
LICENSE SNM-942

By this letter, we request that Special Nuclear Materials License, SNM-942 (Docket 70-984), granted to the Pacific Northwest Laboratories of the Pacific Northwest Division of the Battelle Memorial Institute be renewed for a period of five years. Ten copies of a complete revision of the license application, document number PNL-MA-527, Revision 5, accompany this letter. Past revisions were assigned the document number BNWL-CC-284.

Revision 5 is dated May 1, 1979 and basically updates Laboratory organization, nomenclature and descriptive data from the past revisions. The following is a summary of the significant changes in Part 1:

- The list of corporate officers and the financial qualifications of Battelle Memorial Institute have been updated (page 1.1-1 and 1.1-5).
- The Battelle contact numbers with the Department of Energy have been updated throughout the application.
- Due to the 1976 revision of 10 CFR 20 paragraph 20.103 and the provisions now stated in 20.103(f), the subsection in Revision 4 (page 1.2-10) "Airborne Radioactivity Concentrations" has been deleted as an alternate method pursuant to the conditions stated in paragraph 20.103(c)(3) prior to November 29, 1976. The material

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Mr. W. T. Crow  
9 May 1979  
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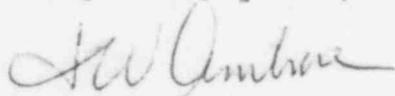
contained in the "Airborne Radioactivity Concentrations" subsection of Revision 4 has been included in section 2.5 of Revision 5.

- A request for an exemption from the requirements stated in paragraph 20.401(b) of 10 CFR 20 has been added to Section 1.2, "Request for Approval of Alternate Methods." This request is contained in subsection "Records of Liquid Waste Disposals," page 1.2-9. The request concerns maintaining records of disposal of licensed materials to the 300 Area Liquid Waste Systems.
- Some of the values listed in Table 1.3-1 (page 1.3-7) have been changed due to improved calculations. These changes are very slight and do not represent a significant change in Criticality Safety Procedures.

Section 2.3 contains the latest annual data for gaseous radioactive material releases from major Battelle facilities. Section 2.8 contains the latest annual total release of liquid radioactive materials to the 300 Area Retention Waste Sewer System. These two sections are noted to supplement your telephone conversation about environmental data with J. M. Selby on 8 May 1979.

We appreciate your consideration of this license renewal application and will be glad to furnish any additional information which may be required. Any questions on revision 5 may be directed to J. M. Selby (946-2279), R. C. Yoder (946-3605) or L. A. Carter (946-2236).

Very truly yours,



T. W. Ambrose  
Director

TWA:RCY:lsp

Enclosure

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