



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

THE WASHINGTON STATE UNIVERSITY

DOCKET NO. 50-27

AMENDMENT TO FACILITY LICENSE

Amendment No. 9  
License No. R-76

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by The Washington State University (the licensee) dated August 15, 1978, as supplemented February 13, 1979, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
  - F. Publication of notice of this amendment is not required since it does not involve a significant hazards consideration nor amendment of a license of the type described in 10 CFR Section 2.106(a)(2).

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2. Accordingly, paragraphs 2.B.(2) and 2.C.(2) of Facility License No. R-76 are hereby amended and paragraph 2.C.(3) is added to read as follows:

2.B.(2) Pursuant to the Act and Title 10 CFR, Chapter I, Part 70, "Special Nuclear Materials", to receive, possess, and use up to a maximum of 25 kilograms of contained Uranium-235 at various enrichments and 32 grams plutonium contained in a plutonium-beryllium neutron source in connection with operation of the reactor. Without exceeding the foregoing maximum possession limit, the specific categories of maximum limits are as follows:

| <u>Maximum U-235</u> | <u>Maximum Pu</u> | <u>%Enrichment</u> | <u>Exempt Status*</u> |
|----------------------|-------------------|--------------------|-----------------------|
| 10.0 kg              |                   | <20                | Exempt 10 CFR 73.6(a) |
| 15.0 kg              |                   | >20                | Exempt 10 CFR 73.6(b) |
| 4.90 kg              |                   | >20                | Not Exempt            |
|                      | 32 grams          |                    | Exempt 10 CFR 73.6(c) |

\* Material is exempt provided that it meets the requirements for exemption pursuant to the cited provisions of 10 CFR 73.

2.C.(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 9, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

2.C.(3) Physical Security Plan

The licensee shall maintain in effect and fully implement all provisions of the NRC-approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR Section 50.54(p). The approved security plan consists of the document withheld from public disclosure pursuant to 10 CFR 2.790(d), entitled "Washington State University Physical Security Plan" submitted by letter dated August 8, 1974, as revised by letter dated December 15, 1976, October 12, 1976 and August 25, 1978.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors

Date of Issuance: July 2, 1979

464 295