

UNIVERSITY OF MARYLAND

DOCKET NO. 50-166

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 8
License No. R-70

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to Facility Operating License No. R-70, filed by the University of Maryland (the licensee), dated August 17, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations as set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the amended license, 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;
 - 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; and
 - 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, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.2 of facility Operating License No. R-70 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 8, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective August 21, 1984.

FOR THE NUCLEAR REGULATORY COMMISSION

Cecil O. Thomas

Cecil O. Thomas, Chief
Standardization & Special
Projects Branch
Division of Licensing

Attachment:
Appendix A Technical
Specification Changes

Date of Issuance: August 21, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 8

FACILITY LICENSE NO. R-70

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Revised Appendix A Technical Specifications are as follows:

Remove Page

12

Add Page

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Change on the revised page are identified by marginal lines.

SPECIFICATIONS

- (1) The reactor shall not be operated unless the radiation area monitor channels listed in Tables 3-2 are OPERABLE
- (2) For a period of time not to exceed 48 hours for maintenance or calibration to the radiation monitor channels, the intent of specification 3.4 (1) will be satisfied if they are replaced with portable gamma sensitive instruments having their own alarms or which shall be observable by the reactor operator.
- (3) The alarm set points shall be stated in a facility operating procedure.

Table 3-2
MINIMUM RADIATION MONITORING CHANNELS

| <u>Radiation Area Monitors</u> | <u>Function</u> | <u>Minimum Number Operable</u> |
|--------------------------------|--|--------------------------------|
| Exhaust Radiation Monitor | Monitor Radiation levels in Reactor Bay area | } 1 out of 2 |
| Bay Radiation Monitor | Monitor Radiation levels in Reactor Bay area | |

BASIS

The radiation area monitors provide information to operating personnel of any impending or existing danger from radiation so that there will be sufficient time to evacuate the facility and take the necessary steps to prevent the spread of radioactivity to the surroundings.

The additional function of the radiation area monitor that monitors the reactor bay area is to warn personnel entering the building of high radiation levels if the pool water level should decrease to the level of inadequate biological shielding.

3.5 LIMITATIONS ON EXPERIMENTS

APPLICABILITY

The specification applies to experiments installed in the reactor and its experimental facilities.