



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

GENERAL ATOMICS

DOCKET NO. 50-89

AMENDMENT TO FACILITY LICENSE

Amendment No. 30
License No. R-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to Facility License No. P-38 filed by General Atomics (the licensee), dated July 19, 1990, 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 application, the provisions of the Act, and the 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 set forth in 10 CFR Chapter I;
 - 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. Prior notice of this amendment was not required by 10 CFR 2.105(a)(4) and publication of notice for this amendment is not required by 10 CFR 2.106(a)(2).

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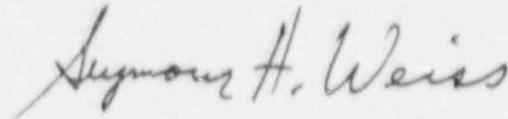
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment, and paragraph 2.C.(2) of License No. R-38 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 30, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Seymour H. Weiss, Director
Non-Power Reactors, Decommissioning and
Environmental Projects Directorate
Division of Reactor Projects
and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
Appendix A Technical
Specifications Changes

Date of Issuance: December 4, 1990

ENCLOSURE TO LICENSE AMENDMENT NO. 30

FACILITY LICENSE NO. R-38

DOCKET NO. 50-89

Replace the following page of the Appendix A Technical Specifications with the attached page. The revised page is identified by amendment number and contains a vertical line indicating the area of change.

Remove

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Insert

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instruments necessary to provide the scrams listed in Table I shall be operable during reactor operation.

5.2.2 During reactor operation, the applicable interlocks shown in Table II shall be operable.

5.2.3 The following monitoring systems shall be operable during reactor operation or when work is done on or around the reactor core. (For periods of time when maintenance or repair to the radiation monitoring systems is being performed, the intent of this specification will be satisfied if the installed system is replaced as needed with alternative or portable gamma-sensitive instruments having their own alarms or which shall be kept under visual observation.):

- a. An area radiation monitoring system capable of activating the evacuation alarm.
- b. A continuous monitoring system for airborne radioactivity having a readout and audible alarm which can be heard in both the reactor and control rooms.
- c. The monitoring systems in a. and b. shall be calibrated annually and their set points verified weekly.

5.2.4 The reactor safety systems plus a startup channel shall be verified to be operable at least once each day the reactor is operated, unless the operation extends continuously beyond one day, in which case the operability of the reactor safety system need only be verified prior to the extended operation.

5.2.5 The reactor power measuring channels shall be calibrated at least quarterly by comparing with heat balance.

5.3 Following maintenance or modification of the control or reactor safety systems, the affected system shall be verified to be operable before commencing reactor operation.

6.0 FUEL STORAGE

- 6.1 All fuel elements or fueled devices shall be stored in a safe geometry (k_{eff} less than 0.8 under all conditions of moderation).
- 6.2 Irradiated fuel elements and fueled experiments shall be stored in an array which will permit sufficient natural convection cooling by water or air such that the temperature of the fuel element or fueled device will not exceed design values.
- 6.3 Not more than 19 standard fuel elements or equivalent shall be stored in any one storage well.