



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

GENERAL ATOMICS

DOCKET NO. 50-89

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 29
License No. R-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to Facility Operating License No. R-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).

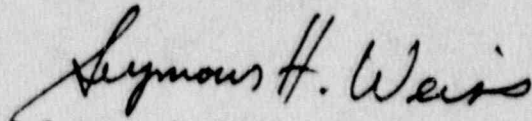
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment, and paragraph 2.C.(2) of License No. R-38 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 29, 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 Reactor, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
Appendix A Technical
Specifications Changes

Date of Issuance: October 4, 1990

ENCLOSURE TO LICENSE AMENDMENT NO. 29

FACILITY OPERATING LICENSE NO. R-38

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Replace the following page of the Appendix A Technical Specifications with the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the areas of change.

Remove

16

Insert

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8. A summary of radiation exposures received by facility personnel and visitors, including the dates and time of significant exposure, and a brief summary of the results of radiation and contamination surveys performed within the facility.

**TABLE I
MINIMUM REACTOR SAFETY SYSTEM SCRAMS**

Originating Channel	Set Point	Mode in Which Effective	
		SS	Pulse
1. Power Level (2 independent channels) ⁽¹⁾	275 kW or lower	X	
2. Fuel Element Temperature (2 independent channels)	As specified in Section 7.4 or lower		X
3. Console Scram	Manual	X	X
4. Facility Power Supply	Supply Failure	X	X
5. Magnet Current Key Switch	Manual	X	X
6. Watchdog Timer ⁽²⁾	Software Failure	X	X

- (1) Of the minimum required two independent channels, no more than one channel shall utilize digital processing of power detector signals.
- (2) These scrams are only applicable when computers are utilized to perform reactor control functions.

**TABLE II
MINIMUM INTERLOCKS**

Action Prevented	Mode in Which Effective	
	SS	Pulse
1. Withdrawal of more than one standard rod	X	
2. Withdrawal of any standard rod		X
3. Application of air to transient rod unless its movable cylinder is fully down	X	