

Docket No. 50-163

Mr. Keith E. Asmussen
Manager, Licensing and Nuclear
Material Control
GA Technologies, Inc.
Post Office Box 85608
San Diego, California 92138

Dear Mr. Asmussen:

SUBJECT: ISSUANCE OF AMENDMENT NO. 37 TO FACILITY OPERATING LICENSE
NO. R-67 GA TECHNOLOGIES, INC.

The Commission has issued Amendment No. 37 to Facility Operating License No. R-67 for the TRIGA Mark F non-power reactor. The amendment consists of changes to the Technical Specifications in response to your submittal dated November 14, 1986.

The amendment authorizes increasing the number of fueled, in-core, thermionic, direct conversion devices which may be irradiated simultaneously from four to seven.

In addition to this change, to make the license condition more complete, we have discussed with your staff and have amended Paragraph 2.C.1 of License No. R-67 to include the maximum reactivity insertion allowed in the pulsing mode. We also have discussed with your staff and have changed Technical Specification 9.1.1 to eliminate an inconsistency between the license condition for the maximum power level at which the reactor may operate and the Technical Specification for the maximum operating power level by eliminating the exception to the 1.5 megawatt maximum power level for the purpose of safety circuit testing. Safety circuits must be tested by a method other than raising the reactor power level above the licensed limit. We understand that GA has conducted this testing for several years by introducing an electrical signal into the circuit.

Copies of Amendment No. 37 and the related Safety Evaluation are enclosed.

Sincerely,

Alexander Adams, Jr., Project Manager
Standardization and Special
Projects Directorate
Division of PWR Licensing-B
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000163
PDR

Enclosures:

1. Amendment No. 37
2. Safety Evaluation

cc w/enclosures:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

March 19, 1987

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Sincerely,

A handwritten signature in dark ink, appearing to read "Alexander Adams, Jr.", written over a horizontal line.

Alexander Adams, Jr., Project Manager
Standardization and Special
Projects Directorate
Division of PWR Licensing-B
Office of Nuclear Reactor Regulation

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GA Technologies, Inc.

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cc: Attorney General
555 Capitol Mall
Sacramento, California 95814

California Department of Health
ATTN: Chief, Environmental
Radiation Control Unit
Radiologic Health Section
714 P Street, Room 498
Sacramento, California 95814

Director
Energy Facilities Siting Division
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Development Commission
1516 - 9th Street
Sacramento, California 95814