71-6347
PDR

GENERAL ATOMIC

Return to 39655

GENERAL ATOMIC COMPANY
P.O. BOX 81608
SAN DIEGO, CALIFORNIA 92138
(714) 455-3000

February 19, 1982

In Reply
Refer To: SHP-3051

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U.S. NUCLEAR REG. COMMISSION
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Mr. Charles MacDonald, Chief
Transportation Branch
Division of Fuel Cycle and Material Safety
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Docket 71-6347, FSV-3 Package Renewal; Submittal of Consolidated Safety Analysis. (7 copies)

Dear Mr. MacDonald:

General Atomic Company has requested renewal of the Certificate of Compliance 6347 authorizing the continued use of the FSV-3 fissile radioactive material package. We herewith submit a consolidated safety analysis which you have requested. We believe that the consolidated analysis fairly reflects all the previous submittals which comprised the safety and licensing considerations resulting in issuance of the subject Certificate of Compliance. We request your reinstatement of the Certificate so we may continue to ship HTGR fuel elements, principally to the Fort St. Vrain power reactor which is scheduled to receive its next reload segment in the period between April-June 1982.

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In an effort to assist your review of the consolidated safety analysis we wish to call your attention to the following:

1. We have redrawn, for clarity, the Figure FFE 613 Issue D.

2. We have, for clarity, restructured Section 3 to indicate the test results in the same paragraph as the described test.

3. We have made copies of the best available photos documenting the test packages, test apparatus and the tested packages after subjecting them to the prescribed tests. Note, our file indicates that duplicate photos were submitted with our original application. You may wish to retain them as part of the continuing docket content as we contemplate doing here.

4. The nuclear safety analysis was originally submitted as added appendices. We have folded these appendices into one nuclear safety analysis, now included as section 5 of the attached safety document.

5. Sections 6 and 7 have been added. These sections contain the required procedural practices which have been extracted from our manufacturing procedures, approved under our 10 CFR 50, Appendix B, governing the manufacture and shipping of the fuel elements as a nuclear reactor component.

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6. Finally, we have included a new statement reflecting the equivalency of U-235 to U-233. Inclusion of this additional material on the revised certificate is desirable in the event we must include special U-233/U-235 fuel elements in the shipment.

Should your staff have any questions about the content or organization of the attached, please don't hesitate to contact us. Meanwhile we look forward to your reinstituting the Certificate so we can continue to plan for our next reload shipment.

Very truly yours,

William R Mowry

William R. Mowry
Licensing Administrator
Nuclear Materials Control Division

WRM:hc

Attachment: FSV-3 Renewal Consolidated Safety Analysis.

FROM:	DATE OF DOCUMENT	DATE RECEIVED	NO.:
General Atomic Company	02/19/82	03/17/82	20402
	LTR. X	MEMO:	REPORT: OTHER:
TO:	ORIG.: 1	CC: 6	OTHER:
CEMacDonald	ACTION NECESSARY ☐ NO ACTION NECESSARY ☐	CONCURRENCE ☐ COMMENT ☐	DATE ANSWERED: BY:
CLASSIF.: un POST OFFICE REG. NO.:	FILE CODE: 71-6347		
DESCRIPTION: (Must Be Unclassified) requesting renewal of their license	REFERRED TO	DATE	RECEIVED BY / DATE
	Reg File Cy	3/19	
	FCTC (5)		
	I&E Region		
	PDR		
ENCLOSURES: 7 cys rec'd			
			cec 20402
REMARKS:			

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