

NRC PDR



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

Docket No. STN 50-545

DEC 13 1979

Mr. Tom M. Anderson, Manager
Nuclear Safety Department
Westinghouse Electric Corporation
P. O. Box 355
Nuclear Center - Bay 415
Pittsburgh, Pennsylvania 15230

Dear Mr. Anderson:

SUBJECT: EXTENSION REVIEW MATTERS FOR PRELIMINARY DESIGN APPROVALS

The Commission's August 22, 1978 policy statement on standardization includes a provision which allows any Preliminary Design Approval (PDA) that had been previously issued for a three-year term to be extended for two additional years. This provision applies to PDA-7 issued for the RESAR-3S application.

As set forth in the policy statement, each application for a PDA extension will be subject to an assessment of the design with respect to the Category I, II, III, and IV matters approved for implementation since the regulatory requirements cutoff date for the PDA in question.

By letter dated December 15, 1978, you submitted Amendment 14 to RESAR-3S. This amendment contained your response to the Category I, II, III, and IV matters approved for implementation since the regulatory requirements cutoff date for RESAR-3S. Your letter also requested a two-year extension for PDA-7 as provided by the Commission's policy statement.

We find that Amendment 14 contains your response to the Category I, II, III, and IV matters approved for implementation through September 1, 1978. There are a number of additional matters which have been approved for implementation since that date. These matters are identified in the enclosures.

Should you desire PDA-7 to be extended for two additional years, we request that you provide an assessment of the RESAR-3S design against each matter identified in the enclosures which is applicable to the RESAR-3S design. Upon receipt of your responses, the staff will review them as follows:

- 1) The staff will review your responses (those already provided in Amendment 14 and those you will provide to the matters in the enclosures) to determine whether they are complete. If the staff determines that your responses are complete, we will administratively extend PDA-7 for two additional years subject to later staff acceptance of your proposed resolution for the applicable Category II, III, and IV matters.

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- 2) If the RESAR-3S design is to be referenced in a construction permit application, we will initiate a detailed extension review as soon as we are informed by a utility-applicant that it will reference the RESAR-3S design. It is anticipated that the staff will require additional information in order to complete the detailed extension review. You will be notified of the additional information requirements as soon as they are determined. The staff's detailed extension review will be conducted according to the following guidelines:
- a) Category I Matters - This review will determine whether you have clearly delineated the extent to which the design already conforms to these matters. There should be no changes to the design resulting from the staff's review of Category I matters.
 - b) Category II Matters - This review will define the extent to which the design conforms, or provides an acceptable alternative, to these matters. For those cases where the design is not in substantial conformance with these matters or acceptable alternatives are not provided, you should demonstrate why conformance is not necessary. The outcome of the staff review may result in additional requirements.
 - c) Category III Matters - This review will determine the extent to which the design conforms to these matters or whether acceptable alternatives are provided. If the design does not conform to the stated Category III requirements or no acceptable alternative has been provided, staff-approved revisions to the design will be required.
 - d) Category IV Matters - Category IV matters are those which have not been reviewed by the RRRC, but which the Director, NRR, deems to have sufficient safety attributes to warrant their being addressed during the PDA extension review. These matters will be treated identically to the Category II matters.

Your response to each matter identified in the enclosures should be submitted as an amendment to the RESAR-3S application in the same form as was used for Amendment 14. This amendment should also include the additional information for the matters applicable to RESAR-3S that you provided in Amendment 25 to the RESAR-41 application. In order to facilitate timely completion of our review, we suggest that your submittal be filed as soon as practical.

It should be noted that the staff's review of the Three Mile Island Unit 2 (TMI-2) accident has not yet been completed. Consequently, at this time, we cannot identify all of the licensing requirements resulting from our review of the TMI-2 accident which may be applicable to RESAR-3S. We will notify you regarding these additional requirements at the time that we initiate the detailed extension review identified in item (2) above.

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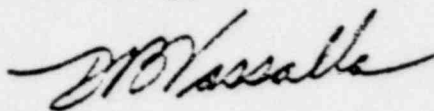
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If you require any clarification of the matters discussed in this letter, please contact Patrick D. O'Reilly, the staff's assigned licensing project manager.

Sincerely,



Domenic B. Vassallo, Acting Director
Division of Project Management
Office of Nuclear Reactor Regulation

Enclosures:

1. Category I Matters
2. Category III Matters

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ENCLOSURE NO. 1

CATEGORY I MATTERS APPROVED BY RRRRC SINCE SEPTEMBER 1, 1978

<u>EFFECTIVE DATE</u>	<u>DOCUMENT NO.</u>	<u>REVISION</u>	<u>TITLE</u>
10/19/78	SRP 13.1	1	Management and Technical Support Organization
10/19/78	SRP 13.4	1	Operational Review
10/19/78	R.G. 1.XX (RS 035-2)		Auditing of Quality Assurance Programs
10/19/78	ETSB 11-4		Design Guidance for Radiological Effluent Monitoring Instrumentation Installed in Light Water-Cooled Nuclear Power Reactors
10/19/78	R.G. 1.132	1	Site Investigations for Foundations of Nuclear Power Plants
11/21/78	R.G. 1.134	1	Medical Evaluation of Personnel Requiring Operator Licenses

ENCLOSURE NO. 2

CATEGORY III MATTER APPROVED BY RRRC SINCE SEPTEMBER 1, 1978*

<u>EFFECTIVE DATE</u>	<u>DOCUMENT NO.</u>	<u>REVISION</u>	<u>TITLE</u>
1/02/79	NUREG-0450, Volume 3		Anticipated Transients Without Scram - Provide the modifications of Alternative 4 of NUREG-0460, Volume 3, by amendment of all currently-effective preliminary reference design approvals. Based on the premise that the effective date of the rule will be no later than January 1, 1980, the modifications of all plants that reference these amended preliminary design approvals should be completed before these plants are issued an OL.

* For purposes of this review, ATWS will be considered a Category III matter since it involves backfitting of requirements on approved PDA's.

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