

# GENERAL ELECTRIC

NUCLEAR ENERGY  
DIVISION

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BWR PROJECTS DEPARTMENT

February 14, 1975

R.L. Tedesco  
Assistant Director for  
Containment Safety  
Directorate of Licensing  
Office of Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: RELIEF VALVE VENT CLEARING AND STEAM QUENCHING VIBRATIONS

Reference: Letter to I.F. Stuart from R.L. Tedesco, January 17, 1975

Dear Mr. Tedesco:

In the reference letter you asked for a schedule by which GE would submit information relating to the verification of the modeling for relief valve initial clearing loads as well as the evaluation of the potential for vibrations due to relief valve discharge to a hot suppression pool. The comments expressed during the generic Mark III Containment meeting held here on February 12 and 13 together with the specific items identified in the reference letter are being incorporated into the program planned for resolution of these concerns. The program and schedule are to be reviewed internally and then transmitted to you by March 3, 1975.

*Ivan F. Stuart*  
Ivan F. Stuart, Manager  
Safety and Licensing

/jrm

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

BWR SVR/V

Edson G. Case, Deputy Director, Office of Nuclear Reactor Regulation

MARK I CONTAINMENT SUPPRESSION POOL TEMPERATURE LIMITS

As you directed in regard to the BWR Mark I torus temperature limits, we have prepared a license amendment package to replace the earlier Order (See Background). The present approach reflects discussions with you and OELD and is essentially a unilateral Tech Spec change for which a procedure exists but has not been approved. In view of this, we have prepared two transmittal letters with optional language for your choice. The rest of the package consists of the Tech Spec change, Safety Evaluation and Notice to the Federal Register.

As with the Order, this license amendment uses Nine Mile Point Unit 1 as the lead project; with your approval we would tailor this to the four other operating BWRs with Mark I (Oyster Creek, Millstone, Cooper, and Fitzpatrick) which similarly proposed to make no change to their Tech Specs. The information and/or limit values unique to this lead project have been underlined in all documents except in the transmittal letters.

The licensees of all other operating BWRs with Mark I containment have submitted proposed changes to the Tech Specs; these responses vary in the degree to which they conform with the recommended limits. We have prepared a draft transmittal letter, model Tech Specs and a related Safety Evaluation for use by the Project Managers to tailor the action to their applicable projects. To provide the PMs with this information, a meeting is scheduled for May 8, 1975.

Enclosed is an outline of the schedule and steps attendant to the issuance of the license amendments incorporating the pool temperature limits in the Tech Specs of operating BWRs with Mark I containment.

*George Lear*  
George Lear, Chief  
Operating Reactors Branch #3  
Division of Reactor Licensing

Enclosure:  
Action Steps Scheduled  
License Package  
cc: See next page



Edson G. Case

- 2 -

cc: w/enclosure - Action Steps Schedule

B. C. Rusche  
A. Giambusso  
R. Boyd  
R. Tedesco  
G. Lainas  
R. Purple  
D. Ziemann

ENCLOSURE

ACTION STEPS FOR ISSUANCE OF AMENDMENT

OF LICENSE OF OPERATING BWR'S WITH

MARK I CONTAINMENT

- A. Issuance of Unilateral Tech Spec Changes - To a Total of Five Licensees
1. Preliminary information to Project Managers on status of review and general instructions on tailoring amendment when lead project is approved - 5/8/75.
  2. Management approval of Action on lead project (Nine Mile Point) - Subsequent schedule will be initiated.
  3. For applicable plants, PMs prepare Amendment with Tech Spec Change, Type Final and Route for Concurrence - Ten (10) working days after item 2.
  4. Concurrences including PM, Lead Engineer, BC, OELD and AD - Fifteen (15) working days after item 3.
  5. Pre-Notice the Proposed Issuance of Amendment by sending to Federal Register - Two (2) working days after item 4.
  6. Issue Amendment to applicable licensees in absence of intervention - thirty (30) days after publication in FR.
- B. Issuance of Amendment with Tech Spec Change Requested by Licensee - All Other BWR's
1. Instructions for tailoring draft model Tech Spec change and related Safety Evaluation - Meeting with PMs 5/8/75.
  2. PMs prepare license amendment for their facilities, Type Final and Route for Concurrence - Complete 5/23/75.
  3. Concurrences including PM, Lead Engineer, BC, OELD and AD - Complete 6/13/75.
  4. Pre-Notice Proposed Issuance of Amendment by sending to Federal Register - Complete 6/20/75.
  5. Issue Amendment with Tech Spec Changes - Complete 7/31/75.