

# GENERAL ELECTRIC

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NUCLEAR ENERGY

SYSTEMS DIVISION

MFN-067-78

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February 15, 1978

U. S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation  
Washington, D.C. 20555

cc: L.S. Gifford (Beth)  
J.C. Guibert (NRC)  
C.I. Grimes (NRC)  
R.L. Tedesco (NRC)  
File 2.10

Attention: V. Stello, Director  
Division of Operating Reactors

SUBJECT: MARK I CONTAINMENT PROGRAM -  
PROGRAM ACTION PLAN (REVISION 3)

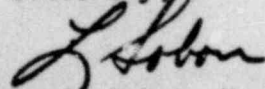
Gentlemen:

Seventy copies of the Mark I Containment Program - Program Action Plan (PAP) are being provided by General Electric on behalf of the Mark I Owners Group. The PAP has been revised to reflect Decision Point #3 wherein the Mark I Owners concluded that LOCA load mitigation, if necessary, would be accomplished by consideration of reduced downcomer submergence, drywell-to-wetwell differential pressure ( $\Delta P$ ) or a vent header deflector in whatever combination required by plant unique analysis. In addition, development of a T-quencher for potential mitigation of S/RV loads was to be continued.

Additions and changes made to the Program Action Plan as a result of Decision Point #3 are summarized in the attached table and indicated by a vertical bar in the right margin of the report. A sufficient number of editorial and clarification changes have also been made to warrant issuance of a complete copy of the PAP. Replace in entirety the Revision 2 copies of the PAP with the enclosed copies. Separate utility correspondence will reference this General Electric transmittal for use on their docket.

Any questions regarding Revision 3 of the Program Action Plan should be directed to L. D. Steinert, Mark I Containment Licensing Engineer (408) 925-2637.

Sincerely,



L. J. Sobon, Manager  
BWR Containment Licensing  
Containment Improvement Programs

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MARK I CONTAINMENT PROGRAM ACTION PLAN  
REVISION 3  
LIST OF SIGNIFICANT CHANGES

<u>PAGE</u>	<u>CHANGE</u>
II-2-3	Mark I Owners SAC & TRC organization updated
III-4-2	Program schedule updated
III-4-5ff	Test program status updated
III-5-4	Decision Point #3 described
III-5-5	Decision Points #4 & #5 revised. Plan for potential load implementation and/or load mitigation targeted for March 1979 - not commitment to final stress analysis. Requires LDR in December 1978
IV-1,2	Implementation of structural modifications/load mitigations (if required) requires NRC approval of LDR
V-General	Task milestones updated
V-3.1-11	Task 3.1.5.1 added
V-3.1-12	Task 3.1.5.2 added
V-3.1-13	Task 3.1.5.3 added
V-3.2-3	Task 3.2.1 Phase II testing dependent on NRC assessment
V-3.2-4	Task 3.2.2 added
V-4.2-1ff	Task 4.2 subtasks specifically defined
V-5.3-4	Task 5.3.3 tests reduced in scope; vent header structural analysis added
V-5.5-3	Task 5.5.2 reduced in scope (added to 5.5.3)
V-5.5-5	Task 5.5.3 added for plant unique tests
V-5.9-1	Task 5.9 reduced in scope to delete 2 1/2D model
V-5.15-1ff	Task 5.15 reduced in scope to minimize analytical development
V-5.17-1ff	Task 5.17 - Phase II added
V-5.18-1	Task 5.18 cancelled
V-6.1-4ff	Task 6.1.2 cancelled
V-6.3-3ff	Task 6.3.2 cancelled
V-6.3-5	Task 6.3.3 cancelled
V-6.5-1	Task 6.5 cancelled
V-7.1-5	Task 7.1.3 added
V-7.4-3	Task 7.4.2 restructured