

MAR 02 1981

MEMORANDUM FOR: Thomas M. Novak, Assistant Director  
for Operating Reactors  
Division of Licensing

FROM: G.C. Lainas, Assistant Director  
for Safety Assessment  
Division of Licensing

SUBJECT: MAINE YANKEE: SAFETY EVALUATION OF THE SUSCEPTIBILITY  
OF SAFETY-RELATED EQUIPMENT/SYSTEMS TO FLOODING FROM  
FAILURE OF NON-CATEGORY 1 (SEISMIC) SYSTEMS  
(TAC 06580)

In response to TAC 06580, enclosed is the Operating Reactors Assessment Branch's Safety Evaluation Report for the Maine Yankee, Susceptibility of Safety-Related Equipment/Systems to Flooding from Failure of Non-Category 1 (Seismic) Systems.

We conclude that the licensee has demonstrated in their analysis that the Maine Yankee Atomic Power Station, excluding the Turbine Building, has the capacity and capability to manage and mitigate any single accident, such as flooding from a non-Class 1 system component or pipe, so that flooding will not prevent the safe shutdown of the plant and, is therefore, acceptable.

The licensee has further shown in the analysis for those areas addressed, that no single failure would result in common mode failure of redundant safety-related equipment.

We recommend that the licensee be required within 90-days of receipt of this letter to submit its analysis of flooding of safety-related equipment in the Turbine Building resulting from failure of the circulating water piping or expansion joint in this area. The receipt of this analysis is required to enable us to complete the evaluation for flooding of safety-related equipment/systems at the Maine Yankee Atomic Power Station.

Original signed by

G.C. Lainas, Assistant Director  
for Safety Assessment  
Division of Licensing

Contact:  
P. Shemanski, X27894

8143110820

Ⓟ

OFFICE ▶							
SURNAME ▶							
DATE ▶							

MAR 02 1981

Thomas M. Novak

- 2 -

Enclosure:  
Safety Evaluation Report

- cc w/enclosure:
- D. Eisenhut
- G. Lainas
- E. Butcher
- R. Clark
- G. Requa
- J. Olshinski
- G. Holahan
- K. Wichman
- D. Verrelli
- P. Shemanski
- J. Burdoin, RE:V
- P. Check



~~STOSTIOWZG~~

~~F~~

OFFICE	DL:ORAB <i>fr</i>	DL:ORAB/SL	DL:ORAB/BC	REXORAB	DL:AD/SA
SURNAME	PShemanski:sah	GHolahan	Olshinski		GLainas
DATE	2/24/81	2/27/81	2/27/81		3/11/81