

# Maine Yankee

RELIABLE ELECTRICITY FOR MAINE SINCE 1972

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November 7, 1989

MN-89-134

GDW-89-358

Director of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Mr. Richard H. Wessman, Project Director I-3  
Division of Reactor projects I/II

- References: (a) License No. DPR-36 (Docket No. 50-309)
- (b) USNRC Letter to MYAPCo dated December 17, 1982 Supplement 1 to NUREG-0737 - Requirements for Emergency Response Capability
  - (c) USNRC Letter to MYAPCo dated June 14, 1984-Order Confirming Licensee Commitments on Emergency Response Capability
  - (d) USNRC Letter to MYAPCo dated May 6, 1987 -Maine Yankee Safety Parameter Display System Safety Evaluation
  - (e) USNRC Letter to MYAPCo dated April 12, 1989 Task Action Plan Item I.D.2 - Safety Parameter Display System - 10 CFR 50.54(f) - (Generic Letter No. 89-06)
  - (f) MYAPCo Letter to USNRC dated July 11, 1989 (MN-89-93)

Subject: Maine Yankee Safety Parameter Display System (SPDS)

Gentlemen:

On December 17, 1982, NRC issued NUREG-0737 Supplement 1, which contained guidance for the design of a Safety Parameter Display System (SPDS). Maine Yankee proceeded to design and construct an SPDS based on this guidance. In April, 1989, more than five years after the development of Maine Yankee's SPDS, the NRC issued NUREG-1342 which contained additional guidance on the design of a SPDS. NRC Generic Letter 89-06 requested that licensees perform a review of their SPDS against NUREG-1342.

We have completed our review of our Safety Parameter Display System against NUREG-0737, Supplement 1, taking into account the information provided in NUREG-1342. Based on this review we have concluded that the Maine Yankee SPDS design is consistent with the guidance provided NUREG-0737, Supplement 1. We have also concluded that the SPDS design is not in all cases consistent with the guidance provided in NUREG-1342. We believe that NUREG-1342 contains new requirements that constitute backfits under NRC regulations. Nevertheless, we are in the process of evaluating the differences between the Maine Yankee SPDS design and NUREG-1342 to determine if, in our opinion, modifications to the SPDS

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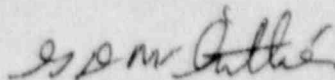
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design are warranted.

It is our understanding that NUREG-1342 constitutes guidance and not a regulatory requirement. If our understanding is incorrect, please notify us.

Please contact me should you have any questions regarding this matter.

Very truly yours,



G. D. Whittier, Manager  
Nuclear Engineering and Licensing

GDW:SJJ

c: Mr. William T. Russell  
Mr. Cornelius F. Holden  
Mr. Eric J. Leeds  
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