

Mr. E. Thomas Boulette, Ph.D  
 Senior Vice President - Nuclear  
 Boston Edison Company  
 Pilgrim Nuclear Power Station  
 RFD #1 Rocky Hill Road  
 Plymouth, MA 02360

November 13, 1996 (reissued with date)

SUBJECT: RESOLUTION OF SPENT FUEL STORAGE POOL SAFETY ISSUES: ISSUANCE OF  
 FINAL REPORT, PILGRIM NUCLEAR POWER STATION (TAC NO. M88094)

Dear Boulette:

The Nuclear Regulatory Commission staff recently completed a detailed review of spent fuel storage pool safety issues. The results of the staff's review are documented in a report to the Commission which is enclosed for your information. In the report, the staff concludes that existing structures, systems, and components related to the storage of irradiated fuel provide adequate protection of public health and safety.

Notwithstanding this finding, the staff has also identified certain design features that reduce the reliability of spent fuel pool decay heat removal, increase the potential for loss of spent fuel coolant inventory, or increase the potential for consequential loss of essential safety functions at an operating reactor. The staff intends to conduct plant-specific regulatory analyses to evaluate potential safety enhancement backfits pursuant to 10 CFR 50.109(a)(3) at a number of operating plants that possess one or more of these design features.

Although Pilgrim is not identified for a plant-specific safety enhancement backfit analysis by the staff, it is requested that you review the enclosed report for applicability to your facility and consider actions, as appropriate, related to the design of spent fuel pool decay heat removal systems at your facility. This letter does not require any response.

If you have any questions regarding this matter, please do not hesitate to contact Alan B. Wang at (301) 415-1445.

Sincerely,  
 original signed by A.Dromerick for  
 S. Singh Bajwa, Project Director  
 Project Directorate I-1  
 Division of Reactor Projects - I/II  
 Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosure: Memo to the Commission, from  
 J. Taylor, "Resolution of Spent Fuel  
 Storage Pool Action Plan Issues,"  
 dated July 26, 1996

*DFOI/1*

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Senior Vice President - Nuclear  
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*Alan B. Wang*  
S. Singh Bajwa, Acting Project Director  
Project Directorate I-1  
Division of Reactor Projects - I/II  
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E. Thomas Boulette

Pilgrim Nuclear Power Station

cc:

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