

January 24, 2007

Mr. Michael R. Kansler  
President  
Entergy Nuclear Operations, Inc.  
440 Hamilton Avenue  
White Plains, NY 10601

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING TECHNICAL  
SPECIFICATION CHANGES FOR SINGLE CONTROL ROD WITHDRAWAL  
ALLOWANCES (TAC NO. MC9018)

Dear Mr. Kansler:

By letter dated October 18, 2005 (Agencywide Documents Access and Management System (ADAMS) accession number ML053040450), Entergy Nuclear Operations, Inc. submitted an amendment request to revise the Pilgrim Nuclear Power Station to provide Special Operations allowances for single control rod withdrawal during Hot Shutdown and Cold Shutdown conditions.

The Nuclear Regulatory Commission staff has been reviewing the submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). A response to these RAIs is requested to be provided within 30 days.

Sincerely,

*/RA/*

James J. Shea, Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosure:  
As stated

cc w/encl: See next page

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President  
Entergy Nuclear Operations, Inc.  
440 Hamilton Avenue  
White Plains, NY 10601

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NAME	JShea	SLittle	GCranston	JBoska
DATE	1/11/07	1/11/07	1/17/07	1/24/07

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REQUEST FOR ADDITIONAL INFORMATION  
REGARDING TECHNICAL SPECIFICATION CHANGES FOR  
SINGLE CONTROL ROD WITHDRAWAL ALLOWANCES  
ENTERGY NUCLEAR OPERATIONS, INC.  
PILGRIM NUCLEAR POWER STATION  
DOCKET NO. 50-293

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1. The proposed new Pilgrim Technical Specifications (TSs) 3/4.14.C, "Single Control Rod Withdrawal - Hot Shutdown," and TS 3/4.14.D, "Single Control Rod Withdrawal - Cold Shutdown," were modeled after the Special Operations Section of the Improved Standard Technical Specifications (ISTS), NUREG - 1433, Revision 3, Section 3.10.3 and 3.10.4, respectively. Your custom TSs require certain scram functions of the average power range monitors (APRMs) to be operable while in the refuel mode. Please explain why these APRM functions are not required when Pilgrim operates under the proposed Special Operations TS requirements.
2. Explain or provide the basis for why it is acceptable for Pilgrim to withdraw a control rod under the proposed new TSs, while all other control rods in a five by five array centered on the control rod being withdrawn are disarmed.

Enclosure

Pilgrim Nuclear Power Station

cc:

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Pilgrim Nuclear Power Station

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