



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

October 15, 2010

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Pilgrim Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON  
MAY 25, 2010, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION  
AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING THE ANNUAL  
UPDATE ASSOCIATED WITH THE PILGRIM NUCLEAR POWER STATION,  
LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (the staff) and representatives of Entergy Nuclear Operations, Inc. (the applicant) held a telephone conference call on May 25, 2010, to discuss and clarify the staff's draft request for additional information (RAI) concerning the Pilgrim Nuclear Power Station, license renewal application. The draft RAI was associated with a letter submitted by the applicant dated December 28, 2009, in accordance with Title 10 of the *Code of Federal Regulations*, Part 54.21(b). The telephone conference call was useful in clarifying the intent of the staff's draft RAI.

Enclosure 1 provides a listing of the participants and Enclosure 2 includes the draft RAI discussed with the applicant, including a brief description on the status of the item.

The applicant had an opportunity to comment on this summary.

A handwritten signature in black ink, appearing to read "L. Regner".

Lisa M. Regner, Sr. Project Manager  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosures:  
As stated

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**TELEPHONE CONFERENCE CALL  
PILGRIM NUCLEAR POWER STATION  
LICENSE RENEWAL APPLICATION**

**LIST OF PARTICIPANTS  
MAY 25, 2010**

**PARTICIPANTS**

Lisa Regner  
Steve Jones  
Fred Mogolesko  
Steve Bethay  
Joe Lynch  
Dave Heard  
Paul Smith  
Rich Pardee  
Dave Lach  
Dave King

**AFFILIATIONS**

U.S. Nuclear Regulatory Commission (NRC)  
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**DRAFT REQUESTS FOR ADDITIONAL INFORMATION  
PILGRIM NUCLEAR POWER STATION  
LICENSE RENEWAL APPLICATION**

**MAY 25, 2010**

The U.S. Nuclear Regulatory Commission (the staff) and representatives of Entergy Nuclear Operation, Inc. (the applicant) held a telephone conference call on May 25, 2010, to discuss and clarify the following draft request for additional information (RAI) concerning the Pilgrim Nuclear Power Station (PNPS) license renewal application (LRA).

Background:

Item 5 of the PNPS Annual Update, submitted by letter dated December 28, 2009, deletes the "fogger housing" component type from the LRA Table 2.3.3-4, "Emergency Diesel Generator System Components Subject to Aging Management Review;" and LRA Table 3.3.2-4, "Emergency Diesel Generator System Summary of Aging Management Evaluation." LRA Table 2.3.3-4 identified the intended function of the "fogger housing" as a pressure boundary. LRA Table 3.3.2-4 identified the fogger housing material as "copper alloy >15% Zn" with an internal environment of untreated air and external environment of indoor air. This material/environment combination is different than the material/environment combination for other emergency diesel generator (EDG) components.

Section 2.3.3.4 of the LRA includes the following discussion:

The EDG system has the following intended function for 10 CFR 54.4(a)(1):

- Provide power to essential AC busses during a loss of offsite power. The air start and turbo air assist systems support the startup and operation of the emergency diesel generators. Each EDG engine is started by high pressure air, which powers the air motors to crank the engine and start combustion.

Issue:

LRA Drawing M219 showed a component identified as a "Motor Oil Fogger" in the piping supporting delivery of pressurized air from the EDG air receivers to 1 of the 2 sets of air motors relied on to start the "A" EDG and to both sets of air motors relied on to start the "B" EDG. Thus, the staff concluded that "fogger housing" described a unique component type whose integrity would be necessary for accomplishment of the EDG intended function for 10 CFR 54.4(a)(1).

Request:

Explain: 1) how the "fogger housing" is no longer required to support the EDG intended function, and 2) how the pressure boundary function is being achieved.

Discussion:

The applicant explained that question is clear. The applicant will submit a supplement to the December 28, 2009, Annual Update addressing the staff's question.

ENCLOSURE 2

October 15, 2010

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FACILITY: Pilgrim Nuclear Power Station

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The applicant had an opportunity to comment on this summary.

**/RA/**

Lisa M. Regner, Sr. Project Manager  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosures:  
As stated

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OFFICE	PM:RPB2:DLR	LA:RPOB:DLR	BC:RPB2:DLR	PM:RPB2:DLR
NAME	LRegner	YEdmonds	DWrona	LRegner
DATE	10/04/10	9/22/10	10/15/10	10/15/10

OFFICIAL RECORD COPY

Memorandum to Entergy Nuclear Operations, Inc. from L. Regner dated October 15, 2010

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