



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

July 13, 2010

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Palisades Nuclear Plant

SUBJECT: SUMMARY OF JUNE 22, 2010, PRE-APPLICATION MEETING WITH
ENTERGY NUCLEAR OPERATIONS, INC., TO DISCUSS PRESSURIZED
THERMAL SHOCK ANALYSIS (TAC NO. ME4021)

On June 22, 2010, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Entergy Nuclear Operations, Inc. (ENO), at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the Pressurized Thermal Shock (PTS) issue for the Palisades Nuclear Plant (PNP) reactor pressure vessel (RPV). A list of attendees is provided as Enclosure 1.

Prior to the meeting, the licensee had submitted "Documentation for Pressurized Thermal Shock Evaluation Meeting," dated June 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML101540386). During the meeting, the licensee's presentation provided overview of the PTS issue at Palisades. The licensee discussed with the NRC staff the historical status, future plans and the proposed timeline for future actions regarding the Palisades RPV PTS issue (ADAMS Accession No. ML101740061).

The licensee plans to submit a complete PTS re-assessment in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.61, "Fracture toughness requirements for protection against pressurized thermal shock events," utilizing new and pertinent data presented during this meeting and to validate the date of March 2014 for current PNP RPV heat-up and cool down curves. The licensee also plans to initiate activities relative to performing an evaluation of the PNP RPV utilizing 10 CFR 50.61a, "Alternate fracture toughness requirements for protection against pressurized thermal shock events," prior to performing in-service inspection of PNP RPV in the spring of 2012. The NRC staff found the licensee's future actions to be reasonable, however, they also recommended that the licensee have contingency plans in place until meeting the PTS regulatory requirements. The licensee adequately responded to staff questions and provided the necessary information and clarifications. There was also a general consensus to conduct additional meetings or teleconferences as needed.

A single member of the public was in attendance. Public Meeting Feedback forms were not received. Please direct any inquiries to me at 301-415-8371, or Mahesh.chawla@nrc.gov.



Mahesh Chawla, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-255

Enclosures:
List of Attendees

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES

JUNE 22, 2010, PRE-APPLICATION MEETING WITH ENO
TO DISCUSS PRESSURIZED THERMAL SHOCK ANALYSIS
FOR PALISADES NUCLEAR PLANT

NAME	ORGANIZATION	TITLE
Mahesh Chawla	NRC/NRR/DORL	Project Manager
Barry Elliot	NRC/NRR/DLR	Senior Materials Engineer
Matthew Mitchell	NRC/NRR/DCI	Branch Chief
Jeff Poehler	NRC/NRR/DCI	Senior Materials Engineer
Pat Purtscher	NRC/NRR/CVIB	Materials Engineer
Simon Sheng	NRC/NRR/DCI	Senior Materials Engineer
Bob Hardies	NRC/NRR/DCI	Senior Level Advisor
Benjamin Parks	NRC/NRR/DSS	Reactor Systems Engineer
Stephen Byrne	Westinghouse	Fellow Engineer
Tim Griesbach	Structural Integrity	Senior Associate
William Server	ATI Consulting	President
Brian Kemp	Palisades Nuclear Plant	Design Engineering Manager
Jeff Erickson	Palisades Nuclear Plant	Licensing Engineer
Keith Smith	Palisades Nuclear Plant	Project Manager
Paula Anderson	Palisades Nuclear Plant	Licensing Manager
Charles Tomes	-----	Visitor

A single member of the public was in attendance. Public Meeting Feedback forms were not received. Please direct any inquiries to me at 301-415-8371, or Mahesh.chawla@nrc.gov.

Mahesh Chawla, Project Manager **/RA/**
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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ADAMS Accession Nos. PKG: ML101950341 Meeting Notice: ML101550611 Meeting Summary: ML101890904

Handouts: ML101740061

*via email

OFFICE	DORL/LPL3-1/PM	DORL/LPL3-1/LA	NRR/DCI/CVIB/BC	DORL/LPL3-1/BC	DORL/LPL3-1/PM
NAME	MChawla	BTully /THarris for	MMitchell*	RPascarelli	MChawla
DATE	07/09/10	07/09/10	07/9/10	07/13/10	07/13/10

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