



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

October 8, 2008

LICENSEE: Entergy Nuclear Operations, Inc.
FACILITY: Palisades Nuclear Plant
SUBJECT: PALISAIDES NUCLEAR PLANT, SUMMARY OF THE SEPTEMBER 16, 2008,
PRE-APPLICATION MEETING WITH ENTERGY NUCLEAR OPERATIONS, INC
REGLARDING SPENT FUEL CRITICALITY AMENDMENT (TAC NO. MD9561)

On September 16, 2008, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with representatives of Entergy Nuclear Operations, Inc. (ENO) at NRC Headquarters in Rockville, MD. The purpose of the meeting was to discuss future license amendment request which Entergy plans to submit for resolution of Spent Fuel Pool (SFP) Criticality issue for Palisades Nuclear Plant (PNP). A list of attendees is provided as Enclosure 1. The licensee's handout material has been docketed and is publicly available at Agencywide Documents Access and Management System (ADAMS) Accession No. ML082610237.

During the meeting, Palisades SFP layout and historical background of the current issue with SFP racks and SFP criticality was discussed between the licensee and the NRC staff. The licensee presented their proposed plan for resolving Palisades SFP criticality issue, consisting of two phases.

In the first phase, licensee plans to submit a license amendment request (LAR) to re-establish compliance with their Technical Specifications and Title 10 of the *Code of Federal Regulations* (10 CFR) 50.68. This submittal will be particularly straight forward and conservative to facilitate an expeditious review and approval by the NRC. During the meeting the NRC staff stressed the importance of a high quality clearly articulated submittal in order to provide the best opportunity to meet the licensee's scheduled refueling outage.

In the second phase, a more rigorous analysis incorporating appropriate surveillance requirements will be incorporated into a LAR to be submitted by the licensee in 2009. The second phase LAR will include a more complex analysis that removes excess conservatism intended to facilitate the review of the first, and restores as much SFP storage capacity as is practical.

There were not any members of the public present at the meeting. No comments or feedback was received at this time. Please direct any inquiries to Mr. Mahesh Chawla, NRC Project Manager for PNP, at 301-415-8371, or @ Mahesh.chawla@nrc.gov.

Sincerely,



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

Docket No. 50-255
Enclosure:
List of Attendees

cc: Distribution via ListServ

PRE-APPLICATION MEETING BETWEEN US.NUCLEAR REGULATORY COMMISSION

AND

ENERGY NUCLEAR OPEARTIONS, INC.

LIST OF ATTENDEES

PALISADES, NUCLEAR PLANT SPENT FUEL POOL CRITICALITY AMENDMENT

SEPTEMBER 16, 2008

Name

Organization

In the order of signing up:

| | |
|---------------------|--|
| Mahesh (Mac) Chawla | NRC/NRR/Plant Licensing Branch III-1 – Project Manager |
| Emma Wong | NRC/NRR/DCI/CSGB – Staff Engineer |
| John Ellegood | NRC/R-III/BR-4/PALISADES – Senior Resident Engineer |
| Kent Wood | NRR/DSS/SRXB – Senior Staff Engineer |
| Diane Jackson | NRR/DSS/SRXB – Senior Staff Engineer |
| Greg Cranston | NRC/DSS/SRXB – Branch Chief |
| Paul Broda | AREVA - Project Manager |
| Robert Smith | AREVA – Staff Engineer |
| Thomas W. Allen | ENERGY – Senior Engineer |
| Michael R. McKinney | ENERGY – Supervisor – PWR Fuel Engineering |
| Laurie Lahti | ENERGY – PALISADES – Licensing Manager |
| Fred Smith | ENERGY – Manager – Fuel and Analysis |
| Richard Schmidt | ENERGY – RE Supervisor |
| Dick Deveney | AREVA – Supervisor NT |

NRR - Office of Nuclear Reactor Regulation

DCI – Division of Component Integrity

CSGB – SG Tube Integrity and Chemical Engineering Branch

DSS – Division of Safety Systems

SRXB – Reactor Systems Branch

October 8, 2008

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There were not any members of the public present at the meeting. No comments or feedback was received at this time. Please direct any inquiries to Mr. Mahesh Chawla, NRC Project Manager for PNP, at 301-415-8371, or @ Mahesh.chawla@nrc.gov.

Sincerely,

/RA/

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

Docket No. 50-255

Enclosure:
List of Attendees

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|--------|-------------------|----------------------------|------------------------------|----------------------------|---------------------------|
| NAME | MChawla <i>AD</i> | GLapper <i>[Signature]</i> | GCranston <i>CON FOR GVC</i> | RTelson <i>[Signature]</i> | LJames <i>[Signature]</i> |
| DATE | 10/2/08 | 10/2/08 | 10/7/08 | 10/8/08 | 10/8/08 |

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