

June 1, 2015

MEMORANDUM TO: Lawrence J. Burkhart, Chief
Licensing Branch 4 (LB4)
Division of New Reactor Licensing
Office of New Reactors

FROM: Donald Habib, Project Manager **/RA/**
Licensing Branch 4 (LB4)
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC TELECONFERENCE ON APRIL 23, 2015,
WITH MEMBERS OF THE AP1000 DESIGN CENTER TO DISCUSS
AP1000 LICENSING AND TECHNICAL ISSUES

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public teleconference with Duke Energy Florida (DEF) and members of the AP1000 design center on April 23, 2015. The purpose of the meeting was to discuss AP1000 combined license (COL) issues associated with the safety review for the Levy Nuclear Plant (LNP) Units 1 and 2 COL application.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15075A075. The meeting notice is also posted on the NRC's public website. Enclosures 1 and 2 are the meeting agenda and attendance list for the meeting, respectively.

Summary of Meeting:

On April 23, 2015, the NRC staff conducted a public teleconference with representatives from DEF and members of the AP1000 design center to discuss issues related to the safety review for the LNP Units 1 and 2 COL application. Specifically, the NRC staff asked questions about a March 26, 2015, DEF response to a request for additional information addressing control room habitability (ADAMS Accession No. ML15089A193).

1. General. Identification of underlying calculation notes. The staff asked that a future submittal identify the specific calculation notes used by the applicant to support the submittal. DEF and Westinghouse Electric Company (WEC) confirmed that this would not be a problem.

CONTACT: Donald Habib, NRO/DNRL
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2. Enclosure 2, page 5 of 13. This page of the submittal states, "Temperature control of the other rooms adjacent to the MCRE [main control room envelope] is not required." The staff asked the applicant to identify these rooms. DEF/WEC identified rooms 12404 (stairwell) and 12504 and 12505 (main steam isolation valve rooms) as not having temperature control required.
3. Enclosure 3, page 37 of 47. This page includes a new surveillance requirement 3.7.6.3 to verify average air temperatures in certain rooms. The staff asked for clarification about the "average" and whether the surveillance would result in averaging across time or multiple rooms. DEF/WEC advised that the monitoring was continuous (not time-averaged), was detected separately in the ventilation return duct from each individual room, and there was no averaging across multiple instruments; however, in at least one case, a single return duct serviced multiple rooms. The staff also stated that it wanted DEF/WEC to identify which multiple rooms were combined into a single return duct and whether it was possible to determine the temperature in these individual rooms.
4. Enclosure 3, page 34 of 47. This page includes a new limiting condition for operation (LCO) related to an occurrence of an inoperable load-shed panel with the load-shed function maintained. The staff questioned whether the LCO was intended to identify an inoperable division on a load-shed panel and noted that the meaning of the current wording was unclear.

The staff clarified that the topics discussed in the meeting would be addressed in RAIs currently being prepared by the staff.

At the end of the meeting, the staff addressed a question from the public about whether the design change and departure discussed in the meeting would also apply to AP1000 COL licensees.

Docket Nos.: 052-018
052-019
052-029
052-030
052-040
052-041

Enclosures:
As stated

cc w/encls: See next page

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AGENDA FOR PUBLIC MEETING

U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Thursday, April 23, 2015

2:00 p.m. – 3:30 p.m.

PURPOSE: To discuss AP1000 combined license (COL) issues associated with the safety review for Duke Energy Florida's (DEF) Levy Nuclear Plant (LNP), Units 1 and 2 COL application.

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
2:00 p.m.	Opening Remarks	NRC
2:10 p.m.	Habitability of the Main Control Room, staff questions	NRC
2:20 p.m.	Opportunity for Public Comment	PUBLIC
2:25 p.m.	Meeting Adjourns	

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Public Meeting Teleconference with AP1000 Design Center
Thursday, April 23, 2015
2:00 p.m. – 2:25 p.m.

List of Attendees

Purpose: To discuss AP1000 combined license review issues

Name	Organization
Representing the Nuclear Regulatory Commission	
Don Habib	NRO/DNRL/LB4
Devendra Pimpale	NRO/DNRL/LB4
Hien Le	NRO/DCIP/SBPB
Nan Chien	NRO/DSRA/SCVB
Representing Industry	
Bob Kitchen James Thornton John Thrasher Kelvin Montague Allison Jones-Young Dave Waters Andrea Cross-Dial Chase Thomas Ken Pigg	Duke Energy
Andy Pfister Rich DeLong Jim Scobel Ray Mans Jon Durfee Jen Meneely	Westinghouse Electric Company
Wes Sparkman Neil Haggerty	Southern Company
Chris Felch	South Carolina Electric & Gas
Ray Burski	Florida Power and Light
Public	
Sara Barczak	Southern Alliance for Clean Energy

COL - Duke Energy - Lee Mailing List

(Revised 04/27/2015)

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Revised (04/27/2015)

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(Revised 04/27/2015)

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