

April 1, 2016

MEMORANDUM TO: John McKirgan, Acting Chief
Licensing Branch 4 (LB4)
Division of New Reactor Licensing
Office of New Reactors

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

SUBJECT: SUMMARY OF A PUBLIC TELECONFERENCE ON FEBRUARY 5,
2016, WITH MEMBERS OF THE AP1000 DESIGN CENTER TO
DISCUSS THE AP1000 DESIGN CENTER'S COMBINED LICENSE
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 February 5, 2016. The purpose of the teleconference 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 Number ML16035A328. 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. The other documents referenced during the discussion can be found at the ADAMS Accession Numbers given below:

- Voluntary Supplemental Response to NRC
RAI 130 Questions 12.03-2, 12.03-6 and 12.03-9 – ML16034A331
(Non-Proprietary)

CONTACT: Jordan Hoellman, NRO/DNRL
(301) 415-5481

Summary of Meeting:

On February 5, 2016, the NRC staff conducted a public meeting 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. The public teleconference was scheduled to address a question from the NRC staff on the Levy COL applicant's February 1, 2016, submittal identifying the presence of the steel plate on the shield building as a conservatism not accounted for in the applicant's Monte Carlo N-Particle (MCNP) dose model. In response to the staff's question, DEF stated that the information in the response was in error, and the steel plate was not present in the shield building design at the elevation around the main control room (MCR). DEF stated that it would submit a correction.

DEF also clarified that the scenarios identified in the design control document (DCD) in order to meet the GDC 19 5-rem dose limit are the MCR emergency habitability system (VES) scenarios, and the maximum dose for those scenarios is 4.33 rem. DEF stated that the nuclear island nonradioactive ventilation system (VBS)-only scenarios were provided to demonstrate defense-in-depth, and this is stated both in the DCD and in the Levy MCR dose departure. The applicant stated that the calculated doses for the VBS scenarios are conservatively high because they assumed that the VES would not operate. The applicant stated that including VES operation in the VBS scenarios would decrease the airborne component of the calculated dose from above 3 rem to approximately 1 rem. DEF stated that it would update the February 1, 2016, submittal to include quantitative information about how the doses in the VBS scenarios would be affected by including the VES.

At the end of the meeting, there was an opportunity for the public to provide comments and ask questions. There were no questions from members of the public in this meeting.

Enclosures: As stated

cc w/encls: See next page

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

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On February 5, 2016, the NRC staff conducted a public meeting 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. The public teleconference was scheduled to address a question from the NRC staff on the Levy COL applicant's February 1, 2016, submittal identifying the presence of the steel plate on the shield building as a conservatism not accounted for in the applicant's Monte Carlo N-Particle (MCNP) dose model. In response to the staff's question, DEF stated that the information in the response was in error, and the steel plate was not present in the shield building design at the elevation around the main control room (MCR). DEF stated that it would submit a correction.

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NRC-001

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DATE	03/31/16	3/27/2016	04/01/16	04/01/16

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AGENDA FOR PUBLIC MEETING

U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Friday, February 5, 2016

10:00 a.m. – 12:00 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.

OPEN

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
2:00 p.m.	Opening Remarks	NRC
2:05 p.m.	Discussion on use of sealant around MSL and MFWL shield building penetrations	NRC/DEF/ WEC
2:10 p.m.	Opportunity for Public Comment	PUBLIC
3:30 p.m.	Meeting Adjourns	

Enclosure 1

**PUBLIC MEETING
 UNITED STATES NUCLEAR REGULATORY COMMISSION
 Public Meeting Teleconference with AP1000 Design Center**

**Friday, February 5, 2016
 10:00 a.m. – 12:00 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
John McKirgan	
Peter Hearn	
Jordan Hoellman	
Ronald LaVera	NRO/DSEA/RPAC
Lawrence Burkhart	
Michelle Hart	
Frank Akstulewicz*	NRO/DNRL
Mark Delligatti	
Representing Industry	
Bob Kitchen*	Duke Energy (Duke)
Kelvin Montague*	
Jim Thornton*	
Andy Pfister*	Westinghouse Electric Company (WEC)
Aaron Wilmot*	
Jesse Klingersmith*	
Zach Harper*	
Laurent Houssay*	Florida Power & Light (FPL)
Steve Franzone*	
Ray Burski*	Southern Nuclear Operating Company (SNC)
Amy Chamberlain*	
Neil Haggerty*	
Representing Public	
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COL - Duke Energy - Lee Mailing List

(Revised 01/07/2016)

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Revised (08/24/2015)

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(Revised 12/29/2015)

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