

June 3, 2014

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 MAY 22, 2014,
WITH AP1000 DESIGN CENTER COMBINED LICENSE APPLICANTS
TO DISCUSS APPLICATION REVIEW ISSUES

The U.S. Nuclear Regulatory Commission staff held a Category 2 public teleconference on May 22, 2014, at 2:00 p.m. with members of the AP1000 design center. The purpose of the meeting was to discuss issues associated with the Levy application for a combined license (COL). The list of attendees is enclosed. The meeting notice and agenda is available in the Agencywide Documents Access and Management System (ADAMS).¹ The meeting notice is also posted on the NRC public website.²

The meeting addressed "Supplement 3 to Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design." The supplement was submitted as an enclosure to a letter from Duke Energy Florida (DEF) dated February 7, 2014, related to the Levy Nuclear Plant Units 1 and 2 COL application.³ The meeting participants discussed the staff's requests for additional information (RAIs) and DEF's responses.

RAI Letter Number 116, dated March 6, 2014, and DEF partial response dated May 19, 2014.⁴

- For RAI 06.03-9, the participants discussed the feedback loops between the four calculations identified in the response. The applicant explained the calculations are not done explicitly in sequence, and instead inputs are passed from one calculation to another as required in order to perform the bounding analyses described in the RAI response. Staff also inquired into the full purpose of the PRHR Sizing and Performance calculation, described further below as part of RAI 06.03.12.

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(301) 415-1035

¹ ADAMS Accession No. ML14126A852.

² <http://meetings.nrc.gov/pmns/mtg?do=details&Code=20140880>.

³ ADAMS Accession Nos. ML14042A034 and ML14042A035.

⁴ ADAMS Accession Nos. ML14065A350 and ML14141A015, respectively.

- For RAI 15.62.06, the participants discussed how DEF modified the LOFTRAN model previously accepted by NRC.

RAI Letter Number 118, dated April 24, 2014.⁵

- For RAI 06.03.12, the participants discussed the significance of the PRHR Sizing and Performance calculation and the need for additional staff audit of the document to support planned FSAR changes expected in response to this RAI. Staff was unclear what, if any, of the results from the calculation other than the transient condensate return rate to the IRWST were being used in the submittal. The applicant stated these results would form the basis for the justification for the non-safety related, longer term performance of the PRHR HX.

No action items were identified by the meeting participants.

Docket Nos.: 52-018, 52-019
52-029, 52-030
52-040, 52-041

Enclosure:
Meeting Attendees List

⁵ ADAMS Accession No. ML14114A050.

- For RAI 15.62.06, the participants discussed how DEF modified the LOFTRAN model previously accepted by NRC.

RAI Letter Number 118, dated April 24, 2014.¹

- For RAI 06.03.12, the participants discussed the significance of the PRHR Sizing and Performance calculation and the need for additional staff audit of the document to support planned FSAR changes expected in response to this RAI. Staff was unclear what, if any, of the results from the calculation other than the transient condensate return rate to the IRWST were being used in the submittal. The applicant stated these results would form the basis for the justification for the non-safety related, longer term performance of the PRHR HX.

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Docket Nos.: 52-018, 52-019
52-029, 52-030
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Enclosure:
Meeting Attendees List

cc w/encl: See next page

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ADAMS Accession No.: ML14150A120 NRC-001

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¹ ADAMS Accession No. ML14114A050.

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Public Meeting Teleconference with AP1000 Design Center Combined License
Applicants
Thursday, May 22, 2014
2:00 p.m. – 4:00 p.m.

List of Attendees

Purpose: To discuss AP1000 combined license application review issues

Name	Organization
Representing NRC	
Don Habib	NRO/DNRL/LB4
David Jaffe	NRO/DNRL/LB4
Timothy Drzewiecki	NRO/DSRA/SRSB
Henry Wagage	NRO/DSRA/SCVB
Boyce Travis	NRO/DSRA/SCVB
Representing Industry	
Robert Kitchen	Duke Energy Florida
Dave Waters	Duke Energy Florida
Robert Gamberg	Duke Energy Florida
John Thrasher	Duke Energy Florida
Sylena Smith	Westinghouse
Terry Schulz	Westinghouse
Ed Monahan	Westinghouse
Jason Redd	Southern Nuclear Operating Company
Charles Herbst	Southern Nuclear Operating Company
Mark Wilson	Southern Nuclear Operating Company
Steve Franzone	Florida Power and Light
Elwood Childress	Florida Power and Light
Tim Schmidt	SCANA
Donald Williamson	SCANA

Enclosure

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(Revised 12/17/2013)

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