



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

November 20, 2012

LICENSEE: Florida Power Corporation

FACILITY: Crystal River, Unit 3

SUBJECT: SUMMARY OF NOVEMBER 1, 2012, MEETING WITH DUKE ENERGY CONCERNING GENERIC LETTER 2004-02 AND NRC STAFF REVIEW OF DRAFT PROPOSED STRAINER FIBER BYPASS TEST PLAN FOR CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT (TAC NO. MC4678)

On November 1, 2012, the Nuclear Regulatory Commission (NRC) staff conducted a Category 1 public meeting via a conference call with Duke Energy, Inc., which is representing Florida Power Corporation (the licensee), including its contractors Enercon and Alion, at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was for Duke Energy to present its proposed strainer fiber bypass test plan for Crystal River Unit 3 regarding Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation during Design Basis Accidents at Pressurized-Water Reactors." The purpose of the meeting was also for the NRC staff to provide the licensee with questions and comments during the meeting. The meeting notice was publicly available on the NRC's website and is documented in Agencywide Document Access and Management System (ADAMS) Accession No. ML12285A312. The list of participants for this call is provided in the enclosure to the meeting summary.

The licensee's draft bypass fiber quantity test plan that was provided to the NRC staff by an electronic mail (e-mail) is documented in ADAMS Accession No. ML12296A392. The NRC staff's questions/talking points were provided to the licensee via an email. Prior to the meeting the licensee provided its presentation slides that included the NRC staff's questions and the licensee's responses. The presentation slides are documented in ADAMS Access No. ML12305A275.

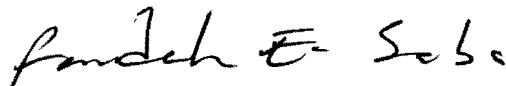
The intent of the strainer bypass test is to measure the amount of fibrous debris that bypasses or passes through an emergency core cooling system sump strainer module. The fibrous material used in the testing is representative of debris that could be generated during a loss-of-coolant accident. The results of the testing will be used to quantify the amount of debris that could bypass a plant strainer to assist in evaluation of the response of equipment downstream of the strainer. During the conference call, the licensee presented the generic safety issue 191 project status, bypass test configuration, bypass test procedure, procedures for debris preparation and introduction, bypass test procedure acceptance criteria, and bypass test schedule. This presentation was followed by discussing the NRC staff's questions and the licensee's responses. For details, refer to the presentation slides in ADAMS. During the conference call, the NRC staff discussed its overall expectation of the test results. No action item was identified at the conclusion of this meeting.

The NRC staff expects the test to produce results that are realistic or conservative when compared to actual plant strainer bypass. However, the test results are somewhat dependent on human actions and evaluations of the test results after the testing is complete. Therefore, while the NRC staff does not have any questions or additional comments regarding the draft strainer fiber bypass test plan for Crystal River Unit 3, the NRC staff does not endorse this test plan.

The licensee is planning to finalize its draft strainer bypass test plan by mid November and submit it to the NRC by an official letter. Also, the bypass test is currently schedule for the week of November 26, 2012 at Alion's test facility in Warrenville, Illinois. The NRC staff may observe the strainer bypass testing and review its evaluation and application as part of its overall review of Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation during Design Basis Accidents at Pressurized-Water Reactors."

Members of the public were invited and in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-1447 or Farideh.Saba@nrc.gov.



Farideh Saba, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-302

Enclosure: List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES
U. S. NUCLEAR REGULATORY COMMISSION
PUBLIC MEETING WITH DUKE ENERGY
REGARDING DRAFT PROPOSED STRAINER FIBER BYPASS TEST PLAN
FOR CRYSTAL RIVER UNIT 3
NOVEMBER 1, 2012

U. S. NUCLEAR REGULATORY COMMISSION

S. Bailey
S. Smith
F. Saba

DUKE ENERGY

C. Miller
W. McGoun
B. Wunderly
S. McDaniel
D. Westcott
D. Phillips

ENERCON

K. Walker
E. Crabtree
G. Zigler
J. Caldwell

ALION

T. Sandy
J. Poska
M. Jursich

PUBLIC

P. Grissom, Southern Nuclear Operating Company (SNC)
J. Nevin, SNC
G. Miller, Dominion Resources Services, Inc. (Dominion)
G. Nayler, Dominion

Enclosure

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/RA/

Farideh Saba, Senior Project Manager
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Office of Nuclear Reactor Regulation

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Notice ML12285A312 Slides ML12305A275 Summary ML12307A128

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