



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

May 18, 2010

LICENSEE: FirstEnergy Nuclear Operating Company
FACILITY: Beaver Valley Power Station, Unit Nos. 1 and 2
SUBJECT: SUMMARY OF APRIL 21, 2010, CATEGORY 1 TELECONFERENCE WITH
FIRSTENERGY NUCLEAR OPERATING COMPANY ON GENERIC LETTER
2004-02 (TAC NOS. MC4665 AND MC4666)

On April 21, 2010, a Category 1 public teleconference was held between the Nuclear Regulatory Commission (NRC) and representatives of FirstEnergy Nuclear Operating Company (the licensee). The purpose of the teleconference was to discuss the NRC staff's request for additional information (RAI) dated February 18, 2010 (ADAMS Accession No. ML100290318), regarding Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation during Design Basis Accidents at Pressurized-Water Reactors," and agree on the licensee's draft RAI responses for Beaver Valley Power Station, Unit Nos. 1 and 2 (BVPS-1 and 2). Enclosed is a list of attendees.

The licensee provided draft RAI responses for the NRC staff to review. The NRC staff provided the licensee and its contractor detailed feedback on each response. The following table summarizes the discussion of each proposed response:

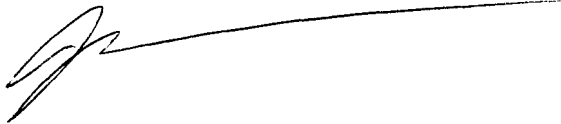
RAI Question	NRC Staff Requested Action
"Chemical Effects"	<ol style="list-style-type: none">1. For BVPS-2, state that credit sought is temperature-based and that under all cases, full WCAP precipitate load is assumed present at 140 degrees Fahrenheit.2. For BVPS-2, provide a reference in the final response to support the assertion on sodium aluminum silicate and briefly describe why Vogtle data is relevant to BVPS-2.3. Delete the following sentence on page 96 of 109, in section "BVPS-1 ANL Correlation," "Using the ANL correlation approach to delaying the onset of chemical effects ensures it is unlikely that a full debris bed will be established within minutes following pump start." Instead, discuss physical phenomena that make precipitation unlikely. Argument should be based on elevated temperature. Add same reference and discussion regarding why Vogtle data applies to BVPS-2.4. With changes agreed to as documented herein, the NRC staff finds this draft response regarding chemical effects and Appendix II appears satisfactory.

RAI Question	NRC Staff Requested Action
1 and 2	None – draft response appears satisfactory
3	Clarify that axial break of 11.25 inches is limiting break. With that change, draft response appears satisfactory.
4 through 19	None – draft response appears satisfactory
20. (a and c)	None – draft response appears satisfactory
20. b	Add clarification on how any components assumed leak-tight were validated to be leak-tight.
21. (a, b, c, d, and f)	None – draft response appears satisfactory
21. e	Add discussion of why miscellaneous debris would not affect result.
22 through 25	None – draft response appears satisfactory

The licensee agreed to revise and submit the draft responses to RAI questions 20.b and 21.e by April 30, 2010.

Please direct any inquiries to me at 301-415-1016, or Nadiyah.Morgan@nrc.gov.

Sincerely,



Nadiyah S. Morgan, Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-334 and 50-412

Enclosure:
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF PARTICIPANTS

CATEGORY 1 PUBLIC TELECONFERENCE ON APRIL 21, 2010
BETWEEN THE NUCLEAR REGULATORY COMMISSION (NRC)
AND FIRSTENERGY NUCLEAR OPERATING COMPANY (FENOC)
BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2
DOCKET NOS. 50-334 AND 50-412

Name	Organization
Tom Lentz	FENOC
Mark Manoleras	FENOC
Carmen Mancuso	FENOC
Mike Testa	FENOC
Phil Lashley	FENOC
Ken McMullen	FENOC
Ann Ryan	FENOC
Kirk Troxler	FENOC
Vic Linnenbom	FENOC
Ken Frederick	FENOC
Jim Starr	FENOC
Tom Burns	FENOC
Steve Dristas	FENOC
Jay Crawford	FENOC
Dennis Blakely	FENOC
Megan Stahowiak	Alion Science & Technology, Inc.
Todd Anselmi	Alion Science & Technology, Inc.
Ralph Price	Alion Science & Technology, Inc.
Greg Guliani	Alion Science & Technology, Inc.
Max Ross	Sargent & Lundy
Michael Scott	NRC
Paul Klein	NRC
Stephen Smith	NRC
Matt Yoder	NRC
Nadiyah Morgan	NRC

RAI Question	NRC Staff Requested Action
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Please direct any inquiries to me at 301-415-1016, or Nadiyah.Morgan@nrc.gov.

Sincerely,

/ra/

Nadiyah S. Morgan, Project Manager
 Plant Licensing Branch I-1
 Division of Operating Reactor Licensing
 Office of Nuclear Reactor Regulation

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ADAMS Accession No. PKG ML Meeting Notice ML100840756 Meeting Summary ML101320665

OFFICE	DORL/LPLI-1/PM	DORL/LPLI-1/LA	DORL/SSIB/BC	DORL/LPLI-1/BC	DORL/LPLI-1/PM
NAME	NMorgan	SLittle	MScott	NSalgado	NMorgan
DATE	5/13/10	5/13/10	5/17/10	5/18/10	5/18/10

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