

December 3, 2004

LICENSEE: Exelon Generation Company, LLC

FACILITY: Quad Cities and Dresden Nuclear Power Stations

SUBJECT: SUMMARY OF SEPTEMBER 23 and 24, 2004, MEETING WITH
EXELON GENERATION COMPANY, LLC, ON EXELON'S EVALUATION OF
EXTENDED POWER UPRATE FLOW INDUCED VIBRATIONS (TAC NOS.
MC4397 AND MC4398)

On September 23 and 24, 2004, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Exelon Generation Company, LLC, (Exelon) at Exelon Nuclear, Cantera Cornerstone 2, 4300 Winfield Road, Warrenville, Illinois. The purpose of the meeting was to discuss Exelon's evaluation of the impact of flow induced vibrations (FIV) under extended power uprate (EPU) conditions on reactor pressure vessel internals, steam and feedwater systems and components at Quad Cities Nuclear Power Station (QCNPS), Units 1 and 2, and Dresden Nuclear Power Station (DNPS), Units 2 and 3. In its letter to NRC dated May 12, 2004, Exelon committed to hold this meeting as part of their actions to obtain approval from the NRC to return QCNPS, Units 1 and 2, to full licensed power. A list of meeting attendees is provided as Attachment 1.

The licensee presented an overview of their vibration evaluation for plant components known to be susceptible to EPU FIV, their vulnerability review for identifying other potential EPU vulnerabilities, the status of steam dryer load analysis, and the status of new steam dryers for QCNPS, including plans to instrument the new steam dryer at QCNPS, Unit 1. A copy of the licensee's presentation is available in the Agencywide Documents Access and Management System at accession number ML042730260¹.

Following Exelon's presentations, the NRC staff discussed the licensee's work in these areas with the responsible Exelon staff with supporting documentation available. The NRC staff also discussed with Exelon staff the failure of feedwater isokinetic probes at DNPS.

No decisions were made at this meeting. The NRC staff will continue its review of these activities after Exelon submits documentation of this work. Exelon's May 12, 2004, letter to NRC, commits to submit documentation of the work described above and to have an additional meeting to discuss this work with NRC management. In addition, it was agreed to hold a meeting at Exelon on October 19, 2004, to discuss in more detail Exelon's plans to instrument the new steam dryer at QCNPS, Unit 1.

¹Note: As of the date of issuance of this summary, public access to ADAMS has been temporarily suspended so that security reviews of publicly available documents may be performed and potentially sensitive information removed. Please check the NRC Web site for updates of the resumption of ADAMS access.

Members of the public were in attendance. No public meeting feedback forms or comments were received.

Please direct any inquiries to Lawrence Rossbach at 301-425-2863, or lwr@nrc.gov.

Sincerely,

/RA/

Lawrence Rossbach
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-254, 50-265, 50-237, and 50-249

Attachments: 1. List of Attendees
2. Licensee Handout(s) (see ADAMS accession number ML042730260)

cc w/atts: See next page

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ATTENDEES*

Meeting with Exelon Generation Company

Evaluation of Extended Power Uprate Flow Induced Vibrations at Quad Cities and Dresden

September 23 and 24, 2004

NRC

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S. Reynolds
D. Terao
M. Ring
D. Hills
L. Rossbach
T. Scarbrough
J. Wu
B. Elliot
V. Thomas
A. Sheikh
M. Kurth
M. Sheikh

Exelon

J. Meister
S. Eldridge
M. Molaei
L. Dyas
K. Moser
P. Simpson
T. Roddey
B. Kouba
K. Jury
D. Gullott
C. Alguire
S. Bolime
J. Nosko
G. DaBoo

Other

D. Tubbs
C.F. Soltis
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*Some part time

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