

December 24, 2003

LICENSEE: FirstEnergy Nuclear Operating Company (FENOC)
FACILITY: Beaver Valley Power Station, Unit Nos. 1 and 2 (BVPS-1 and 2)
SUBJECT: SUMMARY OF DECEMBER 10, 2003, CATEGORY 1 MEETING WITH FENOC
TO DISCUSS THE LICENSEE'S PRE-APPLICATION CONTAINMENT
CONVERSION REPORT FOR BVPS-1 AND 2 DATED NOVEMBER 24, 2003

On December 10, 2003, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of FENOC, the licensee for BVPS-1 and 2 at NRC Headquarters, One White Flint North, 11545 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to conduct a pre-application discussion of the licensee's November 24, 2003, Containment Conversion Report for BVPS-1 and 2 (Agencywide Documents Access and Management System, accession number ML033350145), in advance of the licensee's formal license amendment application which is expected during the first quarter of 2004 for conversion of the containments from sub-atmospheric to atmospheric conditions.

FENOC presented information on its Modular Accident Analysis Program - Design-Basis Analysis (MAAP-DBA) computer code methodology for modeling containment performance during design-basis events. It included benchmarking of the MAAP-DBA code against other NRC-approved computer codes such as GOTHIC and NOTRUMP (including comparisons of separate effects experiments and integral containment effects experiments). It also provided information on the limiting cases found during the licensee's application of the MAAP-DBA code.

The licensee concluded that peak pressure would remain less than the current design rating for all events of interest following containment atmosphere conversion. The licensee further concluded that the benchmarking of MAAP-DBA methodology to GOTHIC and NOTRUMP computer codes yielded comparable results.

The meeting concluded with the licensee identifying the end of the first quarter 2004 as the target date for its formal containment conversion application, and a verbal commitment to provide the NRC staff with a copy of the MAAP-DBA computer deck for independent confirmatory calculations if needed.

One member of the public was in attendance, representing the State of Pennsylvania.

CONTACT: T. Colburn, NRR
301-415-1402

FirstEnergy Nuclear Operating Company - 2 -

Attachment 1 is a list of the meeting attendees, and Attachment 2 is a copy of the licensee's slides presented at the meeting. No Public Meeting Feedback Forms (NRC Form 659) were returned by any attendees to the meeting.

Please direct any inquiries to Timothy G. Colburn, Senior Project Manager, at 301-415-1402.

/RA/

Timothy G. Colburn, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-334 and 50-412

Attachments: 1. List of Attendees
2. FENOC Handouts at December 10, 2003, Meeting With NRC

cc w/atts: See next page

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Please direct any inquiries to Timothy G. Colburn, Senior Project Manager, at 301-415-1402.

/RA/

Timothy G. Colburn, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
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cc w/atts: See next page

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ACCESSION NUMBER: ML033530080

| | | | | |
|--------|----------|----------|----------|----------|
| OFFICE | PDI-1/PM | PDI-2/LA | SPSB/LTR | PDI-1/SC |
| NAME | TColburn | MO'Brien | RLobel | RLaufer |
| DATE | 12/22/03 | 12/22/03 | 12/22/03 | 12/22/03 |

OFFICIAL RECORD COPY

LIST OF ATTENDEES
PRE-APPLICATION REVIEW MEETING
WITH FIRSTENERGY NUCLEAR OPERATING COMPANY
REGARDING MODIFICATIONS TO THE MAAP5 COMPUTER CODE
TO SUPPORT THE BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2,
CONVERSION FROM SUBATMOSPHERIC TO ATMOSPHERIC CONTAINMENTS
DECEMBER 10, 2003, 9:00-12:00, O-13-B-4

| <u>NAME</u> | <u>ORGANIZATION</u> |
|------------------------|---|
| 1. Timothy G. Colburn | NRC/NRR/DLPM/PDI-1 |
| 2. Richard Lobel | NRC/NRR/SPSB |
| 3. Edward Throm | NRC/NRR/SPSB |
| 4. Allen Notafrancesco | NRC/RES/DSARE |
| 5. Kenneth Frederick | FENOC |
| 6. Mike Testa | FENOC |
| 7. Bill Rinkacs | Westinghouse |
| 8. Brian Sepelak | FENOC |
| 9. Herb Brinkman | FENOC |
| 10. Bob Hammersley | Fauske |
| 11. Larry Ryan | Pennsylvania Bureau of Radiation Protection |

FENOC HANDOUTS AT DECEMBER 10, 2003
MEETING WITH NRC

Beaver Valley Power Station, Unit Nos. 1 and 2

cc:

Mary O'Reilly, Attorney
FirstEnergy Nuclear Operating Company
FirstEnergy Corporation
76 South Main Street
Akron, OH 44308

FirstEnergy Nuclear Operating Company
Regulatory Affairs/Performance
Improvement
Larry R. Freeland, Manager
Beaver Valley Power Station
Post Office Box 4, BV-A
Shippingport, PA 15077

Commissioner James R. Lewis
West Virginia Division of Labor
749-B, Building No. 6
Capitol Complex
Charleston, WV 25305

Director, Utilities Department
Public Utilities Commission
180 East Broad Street
Columbus, OH 43266-0573

Director, Pennsylvania Emergency
Management Agency
2605 Interstate Dr.
Harrisburg, PA 17110-9364

Ohio EPA-DERR
ATTN: Zack A. Clayton
Post Office Box 1049
Columbus, OH 43266-0149

Dr. Judith Johnsrud
National Energy Committee
Sierra Club
433 Orlando Avenue
State College, PA 16803

J. H. Lash, Plant Manager (BV-IPAB)
FirstEnergy Nuclear Operating Company
Beaver Valley Power Station
Post Office Box 4
Shippingport, PA 15077

Rich Janati, Chief
Division of Nuclear Safety
Bureau of Radiation Protection
Department of Environmental Protection
Rachel Carson State Office Building
P.O. Box 8469
Harrisburg, PA 17105-8469

Mayor of the Borough of Shippingport
P O Box 3
Shippingport, PA 15077

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Resident Inspector
U.S. Nuclear Regulatory Commission
Post Office Box 298
Shippingport, PA 15077

FirstEnergy Nuclear Operating Company
Beaver Valley Power Station
ATTN: R. G. Mende, Director
Work Management (BV-IPAB)
Post Office Box 4
Shippingport, PA 15077

FirstEnergy Nuclear Operating Company
Beaver Valley Power Station
Mr. B. F. Sepelak
Post Office Box 4, BV-A
Shippingport, PA 15077

Mr. L. William Pearce
Vice President
FirstEnergy Nuclear Operating Company
Beaver Valley Power Station
Post Office Box 4
Shippingport, PA 15077