



Nuclear Group  
P.O. Box 4  
Shippingport, PA 15077-0004

Telephone (412) 393-6000

November 13, 1992  
ND3MNO:3376

Beaver Valley Power Station, Unit No. 2  
Docket No. 50-412, Licensee No. NPD-73  
LER 92-012-00

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Gentlemen:

In accordance with Appendix A, Beaver Valley Technical Specifications, the following Licensee Event Report is submitted:

LER 92-012-00, 10 CFR 50.73.a.2.i.B, "Missed Reactor Coolant System Dissolved Oxygen Sample.

Very truly yours,

T. P. Noonan  
General Manager  
Nuclear Operations

JGT/sl

Attachment

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cc: Mr. T. T. Martin, Regional Administrator  
United States Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406

Mr. A. DeAgazio, BVPS Licensing Project Manager  
United States Nuclear Regulatory Commission  
Washington, DC 20555

Larry Rossbach, Nuclear Regulatory Commission,  
BVPS Senior Resident Inspector

J. A. Holtz, Ohio Edis  
76 S. Main Street  
Akron, OH 44308

Larry Beck  
Centerior Energy  
6200 Oak Tree Blvd.  
Independence, OH 44101-4661

INPO Records Center  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, GA 30339

G. E. Muckle,  
Factory Mutual Engineering  
680 Anderson Drive #BLD10  
Pittsburgh, PA 15220-7773

Mr. Richard Janau  
Department of Environmental Resources  
P.O. Box 2063  
16th Floor, Fulton Building  
Harrisburg, PA 17120

Director, Safety Evaluation & Control  
Virginia Electric & Power Co.  
P.O. Box 75666  
One James River Plaza  
Richmond, VA 23261

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W. Hartley  
Virginia Power Company  
5000 Dominion Blvd.  
2SW Glenn Allen, VA 23060

J. M. Riddle  
Halliburton NUS  
Foster Plaza 7  
661 Anderson Drive  
Pittsburgh, PA 15220

Bill Wegner, Consultant  
23 Woodlawn Terrace  
Fredricksburg, VA 22404

## LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUIREMENT: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGER, NT BRANCH (F-830), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, 4800 GLOUCESTER, DC 20503.

FACILITY NAME (1)

Beaver Valley Power Station Unit 2

DOCKET NUMBER (2)

0 5 0 0 0 4 1 2 1 OF 0 3

PAGE (3)

TITLE (4)

Missed Reactor Coolant System Dissolved Oxygen Sample

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)					
1	0	2	3	9	2	9	2	0	1	2	0	5	0	0	0
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50. (Check one or more of the following) (11)															
OPERATING MODE (9)			20.406(a)(1)(i)			20.406(c)			50.73(a)(2)(iv)			73.71(b)			
POWER LEVEL (10)			20.406(a)(1)(ii)			50.38(c)(1)			50.73(a)(2)(v)			73.71(c)			
			20.406(a)(1)(iii)			50.38(c)(2)			50.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)			
			20.406(a)(1)(iv)			X 50.73(a)(2)(i)			50.73(a)(2)(vii)(A)						
			20.406(a)(1)(v)			50.73(a)(2)(ii)			50.73(a)(2)(vii)(B)						
			20.406(a)(1)(vi)			50.73(a)(2)(iii)			50.73(a)(2)(ix)						

LICENSEE CONTACT FOR THIS LER (12)

NAME

T.P. Noonan, General Manager Nuclear Operations

TELEPHONE NUMBER

4 1 2 6 4 3 - 1 2 5 8

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A	X	X	X	X	X	X	X	X	N

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On 10/19/92 at 0845 hours, with the Unit at Power Operation (Operating Mode 1) at 100 percent reactor power, a reactor coolant system (RCS) sample was taken at 0830 hours, and analyzed for dissolved oxygen. Technical Specification 3.4.7 requires sampling of the reactor coolant system for dissolved oxygen at a frequency of three (3) times per seven (7) days not to exceed a maximum of seventy-two (72) hours between samples. On 10/21/92 at 0830 hours, an RCS sample was taken, however, the analysis for dissolved oxygen was not performed. On 10/23/92 at 0300 hours, an RCS sample was taken and analyzed for dissolved oxygen. At 0900 hours, following a review of chemistry logs by chemistry supervision, it was identified that the sampling frequency between samples of 72 hours was exceeded. The time between samples exceeded the 72 hours plus the 25 percent allowance by 15 minutes. The cause of this event was personnel error. The RCS was sampled for dissolved oxygen at 1325 hours on 10/23/92 and was within limits. RCS dissolved oxygen was verified within limits prior to and after the missed surveillance. There were no operational events (steady state operations) during the time period to allow RCS oxygen to be above Technical Specification limits.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-830), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545, AND TO THE PAPERWORK REDUCTION PROJECT (3160-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Braver Valley Power Station Unit 2	0510041292	012	00	02	03	

TEXT (If more space is required, use additional NRC Form 360A's) (17)

DESCRIPTION OF EVENT

On 10/19/92 at 0845 hours, with the Unit at Power Operation (Operating Mode 1) at 100 percent reactor power, a reactor coolant system (RCS) sample was taken at 0830 hours, and analyzed for dissolved oxygen. Technical Specification 3.4.7 requires sampling of the reactor coolant system for dissolved oxygen at a frequency of three (3) times per seven (7) days not to exceed a maximum of seventy-two (72) hours between samples. On 10/21/92 at 0830 hours, an RCS sample was taken, however, the analysis for dissolved oxygen was not performed. On 10/23/92 at 0300 hours, an RCS sample was taken and analyzed for dissolved oxygen. At 0900 hours, following a review of chemistry logs by chemistry supervision, it was identified that the sampling frequency between samples of 72 hours was exceeded. The time between samples exceeded the 72 hours plus the 25 percent allowance by 15 minutes.

CAUSE OF THE EVENT

The cause of the event was personnel error. The analysis for dissolved oxygen is normally performed on the daylight shift. On 10/21/92, the daylight shift was staffed with a shift chemist trainee and a senior chemist. The shift chemist trainee performing the RCS analyses inadvertently omitted the dissolved oxygen analysis. The senior chemist also missed this error during an initial review of the completed RCS analyses. The senior chemist was concurrently assigned to support other plant activities and did not review the chemistry log sheets. A review of the logs on 10/23/92 discovered the error.

CORRECTIVE ACTIONS

The following corrective actions have been or will be taken as a result of this event:

1. The Chemistry Department has instituted a mandatory review of the chemistry sampling status boards during shift turnover activities.
2. The afternoon shift chemist will be required to review the previous daylight shift's analyses for completeness.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 600 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-630), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (6)

PAGE (3)

YEAR SEQUENTIAL REVISION  
NUMBER NUMBER NUMBER

Beaver Valley Power Station Unit 2

0 5 0 0 0 4 1 2 9 2 — 0 1 2 — 0 0 0 3 OF 0 3

TEXT (If more space is required, use additional NRC Form 366A's) (1)

3. A Technical Specification Tracking Sheet has been developed as a supervisory aide to ensure required sample frequencies are met. This sheet will be utilized on a daily basis to enhance the review of Technical Specification surveillance requirements.
4. The involved individuals were counseled with regards to the importance of Technical Specification sample analyses.

SAFETY IMPLICATIONS

There were no safety implications as a result of this event. RCS dissolved oxygen was verified within limits prior to and after the missed surveillance. There were no operational events (steady state operations) during the time period to allow RCS oxygen to be above Technical Specification limits.

PREVIOUS SIMILAR EVENTS

There was one previously similar event involving a missed chemistry surveillance reported for Beaver Valley Power Station Unit 2. This event involved the failure to perform a boric acid concentration sample of a Boric Acid Storage Tank (LER 90-024-00).

REPORTABILITY

This written report is being submitted to the Nuclear Regulatory Commission in accordance with 10CFR50.73.a.2.i.B, as an event or condition prohibited by Technical Specifications.