



Duquesne Light

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December 28, 1990
ND3MNO:3080

Beaver Valley Power Station, Unit No. 2
Docket No. 50-412, License No. NPF-73
LER 90-024-01

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 90-024-01, 10 CFR 50.73.a.2.i, "Missed Surveillance - Boric Acid Storage Tank Samples".

This revised report is being issued to correct a date specified in the ABSTRACT.

Very truly yours,

K.L. Ostrowski for

T. P. Noonan
General Manager
Nuclear Operations

DW/dh

Attachment

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December 28, 1990

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cc: Mr. T. T. Martin, Regional Administrator
United States Nuclear Regulatory Commission
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LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 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) Beaver Valley Power Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 4 1 2	PAGE (3) 1 OF 0 4
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TITLE (4)
Missed Surveillance - Boric Acid Storage Tank Samples

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)
11	21	90	90	024	01	11	22	89	N/A		0 5 0 0 0
											0 5 0 0 0

OPERATING MODE (9) 4

POWER LEVEL (10) 0 G O

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.406(a)(1)(v)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)	
<input type="checkbox"/> 20.406(a)(1)(vi)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(vii)(B)	
<input type="checkbox"/> 20.406(a)(1)(vii)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 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
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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	C B	T K		N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

The Unit #2 Boric Acid Storage Tanks (2CHS-TK21A & 2CHS-TK21B) were sampled on Monday, 11/12/90, in preparation for entry into Mode 4 (Hot Shutdown) following the second refueling outage. The concentration of the boric acid in each tank was verified to be within the 7000 ppm to 7700 ppm range required by Technical Specifications. Boric Acid Storage Tank samples are normally scheduled for their Technical Specification weekly samples on Wednesdays. On Wednesday 11/14/90 the samples were not taken as they normally would be because they were just done on the previous Monday. On Monday 11/19/90 it was not realized that the tanks were due to be sampled. The tanks were sampled again on Wednesday (as they normally would be) 11/21/90 at 0912 hours for tank 21A and at 2155 hours for tank 21B. The boric acid concentration in each tank was again verified to be within the 7000 to 7700 ppm range. It was at this time that it was noticed that the time between samples had exceeded the seven day surveillance as required by our Technical Specifications including the 25% grace period. There were no safety implications due to this event.

LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST, 50.0 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) Beaver Valley Power Station Unit 2		DOCKET NUMBER (2) 0 5 0 0 0 4 1 2 1	PAGE (3) 1 OF 0 4
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TITLE (4)
Missed Surveillance - Boric Acid Storage Tank Samples

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 NUMBERS										
1	1	2	1	9	0	9	0	0	2	4	0	1	1	2	3	1	9	0	N/A	0 5 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)

OPERATING MODE (9) 4	20.405(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 0 0	20.405(a)(1)(ii)	50.36(c)(1)	50.73(a)(2)(vi)	73.71(c)
	20.405(a)(1)(iii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 363A)
	20.406(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	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 AREA CODE: 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 NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
A	C B	T K		N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

The Unit #2 Boric Acid Storage Tanks (2CHS-TK21A & 2CHS-TK21B) were sampled on Monday, 11/12/90, in preparation for entry into Mode 4 (Hot Shutdown) following the second refueling outage. The concentration of the boric acid in each tank was verified to be within the 7000 ppm to 7700 ppm range required by Technical Specifications. Boric Acid Storage Tank samples are normally scheduled for their Technical Specification weekly samples on Wednesdays. On Wednesday 11/14/90 the samples were not taken as they normally would be because they were just done on the previous Monday. On Monday 11/19/90 it was not realized that the tanks were due to be sampled. The tanks were sampled again on Wednesday (as they normally would be) 11/21/90 at 0912 hours for tank 21A and at 2155 hours for tank 21B. The boric acid concentration in each tank was again verified to be within the 7000 to 7700 ppm range. It was at this time that it was noticed that the time between samples had exceeded the seven day surveillance as required by our Technical Specifications including the 25% grace period. There were no safety implications due to this event.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (F-530), 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) Beaver Valley Power Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 4 1 2	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9 0	0 2 4	0 1	0 2	OF	0 3

TEXT (If more space is required, use additional NRC Form 306A's) (17)

Description of Event

On 11/12/90 (Monday) Unit #2 was in mode 5 (Cold Shutdown), preparing to enter mode 4 (Hot Shutdown), following its second refueling outage. The Boric Acid Storage Tanks (2CHS-TK-21A and 21B) were sampled at 0410 and 0415 hours, respectively, in anticipation of the Unit going into mode 4 later that same day. Technical Specification Surveillance 4.1.2.8.a.1 requires weekly samples which are normally scheduled to be taken every Wednesday. The concentration of the boric acid in each tank was verified to be within the 7000 ppm to 7700 ppm range required by Technical Specifications. On 11/14/90 (Wednesday) these samples were not taken, as they normally would have been, since they had just been sampled on the previous Monday. On Monday, 11/19/90, seven days following the last sample, it was not realized that the tanks were due to be sampled. The tanks were sampled again on 11/21/90 (Wednesday), as they normally would be, at 0912 hours for tank 21A and at 2155 hours for tank 21B. The Boric Acid concentration in each tank was again verified to be within the 7000 ppm to 7700 ppm range. It was at this time that it was noticed that the time between samples had exceeded that allowed by our Technical Specifications including the grace period of 25%.

Cause of Event

The Boric Acid Storage Tank samples are normally taken every Wednesday. Samples were taken on 11/12/90, a Monday, due to the plant preparing to enter mode 4. The Chemistry Technical Specification Status Board was not updated to reflect this abnormal evolution. The status board is used by the chemists to track the performance dates and the due dates of all the samples to be performed. As a result, on the following Monday, 11/19/90, there was no obvious indicator to alert the Chemist that these samples were due this day. On Wednesday, 11/21/90, the samples were taken as they normally would be. It was at this time that it was noticed, through supervisory review, that the time between samples had exceeded that allowed by our Technical Specifications.

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-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) Beaver Valley Power Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 4 1 2 9 0 - 0 2 4 - 0 1 0 3 OF 0 3	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 386A's) (17)

Corrective Actions

1. Chemistry supervision has stressed to its personnel the importance of keeping the Technical Specification Status Board up-to-date with accurate information.
2. This item shall be reviewed by all chemists / analysts during their continuing training.
3. The Technical Specification Status Board was reviewed and all other entries were verified to be up-to-date and accurate.
4. All additions made to the Boric Acid Storage Tanks from the Boric Acid Batch Tanks were verified to be within the 7000 ppm to 7700 ppm range required.

Previous Similar Events

In the most recent previous similar event, documented in LER 1-87-016, the Chemistry Dept. failed to analyze the Diesel Fuel Oil within the required time limit. There are three other previous similar events. They are documented in LER 1-80-064, LER 1-80-053, and LER 1-79-043.

Safety Evaluation

There were no safety implications due to this event. Both tanks were verified to be within the Technical Specification allowable range of 7000 ppm to 7700 ppm both before and after this time period. Operations had added Boric Acid to tank 21A during this time period, but by procedure (C 2.7.4.I), the addition was sampled and was within the same 7000 ppm to 7700 ppm range before it was transferred to the Boric Acid Storage Tank.