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December 06, 1995  
NPD1VPO:0414

*Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, Licensee No. DPR-66  
LER-95-009-00*

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

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

LER 95-009-00, 10 CFR 50.73.a.2.i.B, "ASME Valves Not Tested Within Technical Specification Surveillance Interval".

T. P. Noonan  
Division Vice President  
Nuclear Operations/Plant Manager

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Attachment



The Nuclear Professionals

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cc: Mr. T. T. Martin, Regional Administrator  
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## LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

Beaver Valley Power Station Unit 1

DOCKET NUMBER (2)

05000334

PAGE (3)

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## ASME Valves not Tested within Technical Specification Surveillance Interval

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 NAME	DOCKET NUMBER	
11	07	95	95	-009-	00	12	06	95	N/A	05000	
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 20 CFR § (Check one or more) (11)								
1			20.402(b)			20.405(c)			50.73(a)(2)(iv)		73.71(b)
POWER LEVEL (10)			20.405(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)		73.71(c)
100			20.405(a)(1)(ii)			50.36(c)(2)			50.73(a)(2)(vii)		OTHER
			20.405(a)(1)(iii)			X 50.73(a)(2)(i)			50.73(a)(2)(viii)(A)		(Specify in abstract below and in Text NRC Form 366A)
			20.405(a)(1)(iv)			50.73(a)(2)(ii)			50.73(a)(2)(viii)(B)		
			20.405(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(x)		

## LICENSEE CONTACT FOR THIS LER (12)

NAME

Thomas P. Noonan, Division Vice President Nuclear Operations/Plant Manager

TELEPHONE NUMBER (include Area Code)

(412) 393-7622

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS				COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
A	XX	XXXX	XXXX	N						

## SUPPLEMENTAL REPORT EXPECTED (14)

YES (if yes, complete EXPECTED SUBMISSION DATE)	X	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
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ABSTRACT (Limited to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

## ABSTRACT:

On November 7, 1995 at 2100 hours with Unit 1 in Mode 1, while recording valve stroke times for the completed containment isolation and ASME Section XI Operations Surveillance Test (OST), it was discovered that 83 of 160 valves were not stroked within the Technical Specification (T.S.) maximum 115 day frequency. This OST is required by T.S. 3.6.3.1 and 4.0.5 to be performed every quarter (92 days). Per T.S. 4.0.2, the maximum allowable grace period for surveillances is 25%, which is 115 days. This OST was scheduled based on the completion date of the previous performance. The duration between the completion date of the previous performance and the start date of the latest performance was 96 days. The duration between start times of the two OSTs, however, was 113 days, which required an unrealistic completion time of 2 days. Of the 83 valves that were not stroked within the required T. S. frequency, the range of days between surveillances was 117 to 129 days. All 83 valves were stroked satisfactorily and did not cause T.S. required systems or containment penetrations to be declared inoperable. A review of two years of previous data showed no other valves exceeding the 115 day surveillance interval at Unit 1 or Unit 2.

**LICENSEE EVENT REPORT (LER)**  
**TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 90.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNRB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, 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)
Beaver Valley Power Station Unit 1		05000334		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2 OF 3
				95	-009-	00	

TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

**DESCRIPTION OF EVENT:**

On November 7, 1995 at 2100 hours with Unit 1 in Mode 1, during recording of valve stroke times for the recently completed performance of the Operations Surveillance Test (OST) entitled "Containment Isolation and ASME Section XI Test", it was discovered that 83 of the 160 valves were not stroked within the Technical Specification maximum 115 day frequency. This OST is required by Technical Specification 4.0.5 to be performed every quarter (92 days). In addition, some of the valves included in this OST: containment isolation valves required by Technical Specification 3.6.3.1 to be stroked every quarter (92 days). Per Technical Specification 4.0.2, the maximum allowable grace period for surveillances is 25%, which is 115 days in this case. The duration between start times of the two OSTs was 113 days, which required an unrealistic completion time of only 2 days. Of the 83 valves that were not stroked within the required Technical Specification frequency, the range of days between surveillances was 117 to 129 days. All 83 valves were stroked satisfactorily and did not cause Technical Specification required systems or containment penetrations to be declared inoperable. A review of two years of previous data showed no other valves exceeding the 115 day surveillance interval at Unit 1 or Unit 2.

**CAUSE OF EVENT:**

The cause of the event was scheduling of this OST based on the completion date of the previous performance. The duration between the completion date of the previous performance and the start date of the latest performance was 96 days. This method has been successful in the past, however it does not take into account the start date of the previous performance and that some valves could exceed the Technical Specification surveillance interval of 115 days. The duration between start times of the two OSTs was 113 days, which required an unrealistic completion time of only 2 days for a large number of valves.

**CORRECTIVE ACTIONS:**

1. Future performances of this OST will be scheduled based upon the start and completion of the previous performance. All quarterly, weekly and daily OSTs are now included in the 12 week schedule to maintain a heightened level of awareness.
2. This event will be included in an upcoming Module of Licensee Retraining to emphasize the importance of timely completion of OSTs of this type.
3. A review of the performance of this OST will be conducted after each of the next several quarters to ensure the effectiveness of the corrective action.

**REPORTABILITY:**

This written report is being submitted in accordance with 10CFR50.73.a.2.i.B as a condition prohibited by Technical Specifications.

**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 INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, 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)
Beaver Valley Power Station Unit 1	05000334	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	3 OF 3
		95	-009-	00	

TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

**SAFETY IMPLICATIONS:**

There were no safety implications from this event. All 83 valves were stroked satisfactorily and did not cause Technical Specification required systems or containment penetrations to be declared inoperable.

**SIMILAR EVENTS:**

From initial plant start-up until the date of this report, Beaver Valley Power Station Units 1 and 2 have previously submitted at least 36 LERs due to missed surveillances. The most recent reportable events for both Units are listed below:

- Unit 1: LER 93-014-00 "TV-CC-128 Stroked Closed Instead of Open."  
LER 93-010-00 "Chemist Failed to Sample SI Accumulator."  
LER 92-005-00 "RW-64.5 Was Deleted From OST."  
LER 91-025-00 "Axial Flux Difference Monitor OOS."  
LER 91-014-00 "Containment Purge Isolation Test Inadequate."  
LER 90-004-00 "Failure to Record Rod Positions."
- Unit 2: LER 95-065-00 "Missed Surveillance - Quadrant Power Tilt Ratio Calculation Not Performed."  
LER 92-012-00 "Missed Reactor Coolant System Dissolved Oxygen Sample."  
LER 92-001-00 "Operators Failed to Manually Log Axial Delta Flux."  
LER 90-024-00 "Chemist Failed to Perform Sample on Boric Acid Storage Tank."