



Nuclear Group
P.O. Box 4
Shippingport, PA 15017-0004

Telephone (412) 393-6000

March 30, 1992
ADMNO:3274

Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66

LER 92-003-00

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 92-003-00, 10 CFR 50.73.a.2.iv, "ESF Actuation - Inadvertent Closure of Containment Isolation Valves TV-SS-117A,B and C".

Very truly yours,

T. P. Noonan
General Manager
Nuclear Operations

DSC/sl

Attachment

0100.0

9204010329 920330
PDR ADOCK 05000334
S PDR

TEC2
111

March 30, 1992

ND3MNO:3274

Page two

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

C. A. Roteck, Ohio Edison
76 S. Main Street
Akron, OH 44308

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

Mr. J. B. Bach, Nuclear Regulatory Commission,
BVPS Resident Inspector

Energy
ree Blvd.
nce, Ohio 44101-4661

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

G. E. Muckle,
Factory Mutual Engineering
680 Anderson Drive #BLD 1
Pittsburgh, PA 15220-2773

Mr. Richard Janati
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 26666
One James River Plaza
Richmond, VA 23261

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

J. M. Riddle
NUS Operating Service Corporation
Park West II
Cliff Mine Road
Pittsburgh, PA 15275

March 30, 1992

ND3MNO:3274

Page three

Bill Wegner, Consultant
23 Woodlawn Terrace
Fredricksburg, VA 22404

Ms. Pamela J. Cortazzo
Westinghouse Electric Corporation
Nuclear and Advanced Technology Division
P.O. Box #355
Pittsburgh, PA 15230-0355

Mail Stop: ECE 409

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 1

DOCKET NUMBER (2)

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

PAGE (3)

TITLE (4)

ESF Actuation - Inadvertent Closure of Containment Isolation Valves TV-SS-117A, B and C

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)
0	2	8	9	2	0	0	3	0	0	0	0
0	2	8	9	2	0	0	3	0	0	0	0
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)								
1			<input checked="" type="checkbox"/> 20.402(b) <input type="checkbox"/> 20.405(c) <input type="checkbox"/> 50.73(a)(2)(vi) <input type="checkbox"/> 73.71(b)								
POWER LEVEL (10)			<input type="checkbox"/> 20.405(a)(1)(i) <input type="checkbox"/> 50.38(c)(1) <input type="checkbox"/> 50.73(a)(2)(v) <input type="checkbox"/> 73.71(a)								
1, 0, 0			<input type="checkbox"/> 20.405(a)(1)(ii) <input type="checkbox"/> 50.38(c)(2) <input type="checkbox"/> 50.73(a)(2)(vi) <input type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 306A)								
			<input type="checkbox"/> 20.405(a)(1)(iii) <input type="checkbox"/> 50.73(a)(2)(ii) <input type="checkbox"/> 50.73(a)(2)(vii)(A) <input type="checkbox"/>								
			<input type="checkbox"/> 20.405(a)(1)(iv) <input type="checkbox"/> 50.73(a)(2)(iii) <input type="checkbox"/> 50.73(a)(2)(vii)(B) <input type="checkbox"/>								
			<input type="checkbox"/> 20.405(a)(1)(v) <input type="checkbox"/> 50.73(a)(2)(iv) <input type="checkbox"/> 50.73(a)(2)(ix) <input type="checkbox"/>								

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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
D	E	J	X	X	X	X	X	X	N

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

On 2/28/92, while operating at 100 percent power, operators removed the Steam Generator Blowdown System from service to support planned maintenance on blowdown sample valve TV-SS-109A2. Operators first closed the air-operated blowdown isolation valves TV-BD-100A,B and C, then de-energized their associated solenoids to ensure they would remain closed during maintenance activities. When the operators de-energized the solenoids, they also inadvertently de-energized auxiliary relay 63-SA in the blowdown isolation control circuit. When de-energized, this relay initiated an isolation signal and closed blowdown sample valves TV-SS-117A,B and C. These valves are containment isolation valves and are considered Engineered Safety Feature components. The power supply switch listing is being changed to indicate that the breaker supplying the solenoids for TV-BD-100A,B and C also supplies auxiliary relay 63-SA and can isolate TV-SS-117A,B and C. This event will be included in licensed operator retraining. There were no safety implications due to this event. The blowdown system and blowdown sampling system does not serve any safety function and is only used for long term secondary chemistry control.

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.6 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATES TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-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.

TEXT (If more space is required, use additional NRC Form 995A's) (17)

NRC Form 364a (6-89)

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 (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545, 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) 0500033492	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		OF
			003	003	03	03

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

Corrective Actions

- 1) The power supply switch listing is being changed to indicate that the breaker supplying the solenoids for TV-BD-100A,B and C also supplies auxiliary relay 63-SA and can isolate TV-SS-117A,B and C.
- 2) This event will be included in licensed operator retraining. This training will emphasize that while review of the load list is the minimum investigation necessary for electrical clearances, more extensive review is sometimes advisable for more complex clearances.
- 3) The station's Independent Safety Evaluation Group (ISEG) has initiated an accuracy check of the power supply switch listings. This accuracy check is based on an inspection of a sample of the loads on the listings. Any further samplings/corrective actions will be based on the results of this check.

Reportability

This event is being reported in accordance with 10CFR50.73.a.2.iv as an event involving an unplanned ESF actuation. Although the blowdown isolation signal that initiated this event is not an ESF signal, the blowdown sample valves TV-SS-117A,B and C are containment isolation valve and considered Engineered Safety Feature components.

Safety Analysis

There were no safety implications due to this event. The blowdown system had been removed from service prior to this event and was not affected by the blowdown isolation signal. The blowdown sampling system is only used intermittently by chemistry to determine steam generator chemistry. The sampling system was not being used during this event. Blowdown is primarily used for steam generator chemistry control. While long term isolation of blowdown during operation would lead to undesirable secondary chemistry, the temporary isolation that occurred during this event did not cause any administrative chemistry operating limits to be exceeded.

(References: Beaver Valley Unit 1 UFSAR Section 5.3, "Containment Isolation System" and Section 10.3.8.3, "Secondary Vents and Drains Performance Analysis.")