

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Washington Nuclear Plant - Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 8 9 17										PAGE (3) 1 OF 3																													
TITLE (4) Missing Valve Actuator Seismic Stiffener Plates																																																	
EVENT DATE (5) MONTH DAY YEAR 0 6 0 7 8 5 8 5										LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER - 0 3 8 - 0 10 0 6 2 6 8 5										REPORT DATE (7) MONTH DAY YEAR 0 6 2 6 8 5										OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) 0 5 0 0 0 0																			
OPERATING MODE (9) 0 0 4										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)																																							
POWER LEVEL (10) 0 0 10										20.402(b) 20.408(a)(1)(i) 20.408(a)(1)(ii) 20.408(a)(1)(iii) 20.408(a)(1)(iv) 20.408(a)(1)(v)										20.408(a) 20.38(a)(1) 20.38(a)(2) 20.73(a)(2)(i) 20.73(a)(2)(ii) 20.73(a)(2)(iii) 20.73(a)(2)(iv)										20.73(a)(2)(v) 20.73(a)(2)(vi) 20.73(a)(2)(vii)(A) 20.73(a)(2)(vii)(B) 20.73(a)(2)(viii) 20.73(a)(2)(ix)										73.71(b) 73.71(c) X OTHER (Specify in Abstract below and in Test, NRC Form 368A) 50.72(b)(1)(ii)(B)									
LICENSEE CONTACT FOR THIS LER (12) NAME R L Koenigs, Compliance Engineer																														TELEPHONE NUMBER AREA CODE 5 0 1 9 3 1 7 1 7 - 1 2 1 5 0 1 1																			
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) Ext 2279																																																	
CAUSE SYSTEM COMPONENT MANUFAC. TURER REPORTABLE TO NPROS										CAUSE SYSTEM COMPONENT MANUFAC. TURER REPORTABLE TO NPROS																																							
SUPPLEMENTAL REPORT EXPECTED (14)																				EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR																			
YES (If yes, complete EXPECTED SUBMISSION DATE)																				NO																													

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

On 6/7/85, an inspection of ITT General Hydromotor valve actuators installed on the eight (8) Hydrogen Recombiner primary containment isolation valves revealed that each was missing a yoke stiffener plate that is required for seismic qualification.

An inspection of all similar valve actuators revealed an additional three (3) valve actuators that were missing stiffener plates.

Stiffener plates were reinstalled on all eleven (11) valve actuators that had been identified as seismic class 1 installations with missing stiffener plates.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 9/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (3)			PAGE (3)	
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Washington Nuclear Plant - Unit 2	0500039785	-	0318	-	010	2 OF 3

TEXT (If more space is required, use additional NRC Form 365A's) (17)

Plant Conditions

- a) Power Level - 0%
- b) Reactor Mode - 4 (Cold Shutdown)

Event

On 6/7/85, a WNP-2 employee that had recently attended formal training at the vendor's manufacturing plant recognized a discrepancy in the installation of 8 containment isolation valve actuators. These actuators, ITT General Controls Hydromotors, NH90 Series, were observed with a plastic cover installed in place of a steel stiffener plate that was required for seismic qualification purposes. The manufacturer confirmed the necessity of these plates for seismic qualification. The 8 valve actuators identified with this deficiency were containment isolation valves for the primary Containment Atmosphere Control (CAC) system (CAC-FCV-1A/1B/2A/2B/3A/3B/4A/4B).

Immediate Corrective Action

The event was evaluated as reportable per 10CFR50.72(b)(1)(ii)(B) and notification to the NRC was made at 1450 hours on 6/7/85.

Further Corrective Action

- o The plastic cover was replaced with the proper metal stiffener plate on all eight originally identified valve actuators.
- o A review of the plant's Certified Vendor Information (CVI) and Quality Assurance (QA) files indicates that the CAC and control room chilled water actuator stiffener plates were probably removed during construction to facilitate valve packing and stroke adjustments and were not reinstalled. During startup testing, personnel procured plastic replacement covers rather than the required metal covers from the vendor. Plastic covers were acceptable for non-seismic installations of these valve actuators. No vendor issued CVI maintenance manual existed at the time this replacement occurred. However these valves and actuators were installed per the vendor instruction manual which did not address the stiffener plates.

All other Seismic I ITT Hydromotors were inspected and two additional actuators (Control Room Chilled Water System valves SW-TCV-11A&B) were found with plastic covers and one actuator (control room remote intake valve WOA-V-51B) was found with no cover. These three additional actuators all have had metal stiffener plates installed.

The metal stiffener plate for WOA-V-51B was removed by plant maintenance personnel for stroke adjustment and valve repair and was inadvertently not reinstalled. The procedure governing this maintenance activity was verified to be adequate with regard to the metal stiffener plate instructions. This item is considered a singular event for which no further corrective action is anticipated.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 9/31/88

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

No documentation for removal of the SW-TCV-11A&B stiffener plate was located, however, it is most probable that this plate was also removed during the startup testing period.

Manuals that address the use of metal stiffener plates are now in the Plant's CVI file and current plant procedures governing maintenance, modification and parts procurement are judged adequate to preclude future occurrences of a similar nature.

Safety Significance

The CAC System is provided to assure the primary containment integrity when both hydrogen and oxygen gasses are present. However, WNP-2 utilizes a nitrogen inerted containment to preclude the possibility of attaining these gasses in proportions that would support combustion. The eight CAC valves found with missing actuator plates are all normally closed isolation valves and any safety significance would be associated with a failure to open. WNP-2 is presently pursuing action to delete the requirement to have this system.

A failure of the two control room chilled water system valves would have had minimal effect as two other independent sources of cooling water are available to the control room coolers.

A failure of the one control room remote air intake valve, WOA-V-51B, likewise would have had minimal effect as a redundant remote air intake train was available to perform this function.

Similar Events

Not Applicable

EIIS Information

Text Reference

EIIS Reference

CAC-FCV-1A/1B/2A/2B/3A/3B/4A/4B

System

BB

Component

FCV

Control Room Chilled Water
System Valves SW-TCV-11A/B

KM

TCV

WOA-V-51B

VH

ISV

Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

Docket No. 50-397

June 26, 1985

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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

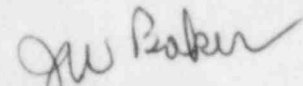
Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 85-038

Dear Sir:

Transmitted herewith is Licensee Event Report No. 85-038 for WNP-2 Plant. This report is submitted in response to the report requirements of 10CFR50.73 and discusses the item of reportability, corrective action taken, and action taken to preclude recurrence.

This is the follow-up report to the verbal notification given at 1450 hours on June 7, 1985.

Very truly yours,



C.M. Powers (M/D 927M)
WNP-2 Plant Manager

CMP:1a

Enclosure:
Licensee Event Report No. 85-038

cc: Mr. John B. Martin, NRC - Region V
Mr. A. D. Toth, NRC - Site (901A)
Ms. Dottie Sherman, ANI
INPO Records Center - Atlanta, GA

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