

Indian Point 3
Nuclear Power Plant
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**New York Power
Authority**

John H. Garrity
Resident Manager

March 18, 1994
IPN-94-035

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop PI-137
Washington, D.C. 20555

SUBJECT: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Licensee Event Report # 93-047-02
"Improperly Configured Containment Isolation
Valves, Caused By Personnel Error, Place The
Plant Outside Design Basis"

Dear Sir:

The attached supplemental Licensee Event Report (LER) 93-047-02 is hereby submitted in accordance with the requirements of 10 CFR 50.73. This event is of the type defined in the requirements pursuant to 10 CFR 50.73(a)(2)(ii)(B). This submittal makes editorial corrections, identifies the extent of condition and provides additional corrective action. Also attached are the commitments made by the Authority in this LER supplement.

Very truly yours,

A handwritten signature in black ink, appearing to read 'JH Garrity', written over a horizontal line.

John H. Garrity
Resident Manager
Indian Point 3 Nuclear Power Plant

JHG/vjm

cc: See next page

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S PDR

Handwritten initials or a signature in black ink, possibly 'JHG', with a vertical line below it.

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Mr. Thomas T. Martin
Regional Administrator
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Resident Inspector's Office
Indian Point 3

Attachment 1
List of Commitments

| Number | Commitment | Due |
|---------------|--|------------------|
| IPN-94-035-01 | A supplement will be made to LER 93-047-02 to define corrective action if a nuclear safety evaluation cannot justify the orientation of outboard containment isolation globe valves supplied with IVSWS whose valve stem packing is not wetted by the IVSWS. If the orientation is justified by the nuclear safety evaluation, a revision to the FSAR will be initiated to allow this orientation. | Prior to Startup |
| IPN-94-035-02 | The Boron Injection Tank (BIT) is currently being removed. The modification to allow this will be revised to cut and cap the BIT bypass line with containment isolation valves SIS-V-1833A and B after Technical Specification Tables 3.6-1 and 4.4-1 have been revised to remove the valves. If the Technical Specification change is not approved, the position of SIS-V-1833B will be reversed. | Prior to Startup |
| IPN-94-035-03 | Evaluations are continuing for seven (7) containment penetrations to confirm the orientation of thirteen (13) containment isolation globe valves supplied with IVSWS. If deficiencies are found in outboard isolation valves that cannot be justified by a safety evaluation or in inboard containment isolation valves, corrective action will be reported in a supplement to LER 93-047-002. | Prior to Startup |

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 (MNNB 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.

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TITLE (4)
Improperly Configured Containment Isolation Valves, Caused By Personnel Error, Place The Plant Outside Design Basis

| 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 | 03 | 93 | 93 | -- 047 -- | 02 | 3 | 18 | 94 | FACILITY NAME | DOCKET NUMBER 05000 |
| | | | | | | | | | FACILITY NAME | DOCKET NUMBER 05000 |

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|--------------------------------|--|------------------|-------------------|----------------|----------------------|--|--|--|--|--|
| OPERATING MODE (9) N | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11) | | | | | | | | | |
| | 20.402(b) | | 20.405(c) | | 50.73(a)(2)(iv) | | 73.71(b) | | | |
| POWER LEVEL (10) 000 | 20.405(a)(1)(i) | | 50.36(c)(1) | | 50.73(a)(2)(v) | | 73.71(c) | | | |
| | 20.405(a)(1)(ii) | | 50.36(c)(2) | | 50.73(a)(2)(vii) | | OTHER | | | |
| | 20.405(a)(1)(iii) | | 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 James Sherman, Project Engineer | TELEPHONE NUMBER (Include Area Code) (914) 681-3293 |
|--|---|

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 |
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| 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 15 single-spaced typewritten lines) (16)

On November 3, 1993, with the plant in cold shutdown and the reactor vented to atmosphere, Project Engineering Services concluded that the containment isolation valve configuration for the Chemical and Volume Control System (CVCS) Reactor Coolant Pump (RCP) seal water injection line was outside the licensing design basis. The condition was assumed to have existed since initial plant operation. The cause was personnel error of an indeterminate nature and inattention to detail. The corrective action will require Project Engineering to route seal water to the valve leak off connections prior to startup. Prior to the next refueling, Project Engineering will remove and replace or reinstall the valves in the correct orientation or file an evaluation that supports continued use of the IVSWS to pressurize the valve packing. The installed configuration of 21 Containment isolation globe valves was examined (13 are still under examination) to determine the extent of condition. Nine outboard and one inboard containment isolation valves were identified in the wrong configuration. The outboard isolation valves will be evaluated to determine acceptability. Corrective action will be taken if they are not. The line containing the inboard isolation valve is unnecessary and will be cut and capped or the valve orientation will be reversed.

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

DESCRIPTION OF EVENT

On November 3, 1993, at approximately 1000 hours, with the plant in cold shutdown (reactor power level at 12 cps, reactor coolant temperature at 102 degrees F, reactor coolant pressure at atmospheric and pressurizer level at 23%), Project Engineering Services (PES) concluded that the containment (NH) isolation valve (ISV) configuration for the Chemical and Volume Control System (CVCS) (CB) Reactor Coolant Pump (RCP) (P) seal water injection lines were outside the design basis in the Final Safety Analysis Report (FSAR). Deviation Event Report (DER) 677 was issued at approximately 1700 hours by PES.

As part of the program to address Generic Letter 89-10, a field walkdown was performed by the Operations and Maintenance Department. At that time, a discrepancy between the installed configuration of valves CH-MOV-250A, B, C & D and the requirements of FSAR Section 5.2.2 was identified. The discrepancy was tracked in the Authority's design basis document program as design basis document open item (DDOI) IP-3-CVCS-311-112, issued July 7, 1992.

The concern was researched by PES with the support of the Nuclear Engineering Department (NED) and the Nuclear Licensing Department (NLD).

Each of the four reactor coolant pump (RCP) seal water injection lines penetrating containment currently has two motor operated y-pattern globe valves in series on the line outside the containment which are used as containment isolation valves. These lines supply water to the reactor coolant pump seals and, with the current valve orientation, normal flow direction is under the valve seats. Following a Design Basis Accident (DBA), the Isolation Valve Seal Water System (IVSWS) (BD) supplies water at a pressure slightly higher than the containment peak accident pressure to the leg of piping between the valves to act as a water seal.

The FSAR defines the isolation valves as class 3 (i.e., incoming lines with two manual isolation valves in series and manual seal water injection). Since the isolation valves are globe valves in series, the FSAR requires the valves to be oriented so that the IVSWS wets the valve stem packing. For IVSWS to wet the valve stem packing, the globe valves must be orientated so that the normal flow of water into the containment is under the valve seat of the outer isolation valve and over the valve seat of the inner isolation valve. This orientation assures that the seat of the inboard isolation valve is

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the first leakage barrier following the DBA. Because of their orientation, CVCS valves CH-MOV-250A, B, C & D, used as the inboard isolation valves, have their stem packing exposed to the environment in the leg of piping penetrating containment. This leg is not pressurized with water from the IVSWS and can be open to containment following a DBA.

PES reviewed the design history as documented on design drawings by both Westinghouse and United Engineers and Constructors Inc. The review indicated that the valves were originally hand operated needle globe valves. The inboard needle globe isolation valves were changed to y-pattern globe valves prior to initial operation. Documentation addressing the reason for the changes has not been retrieved to confirm the orientation. The CVCS drawing indicates that globe valves have flow under the seat except for 11 situations. The inboard isolation valves were not identified as exceptions so Project Engineering assumed that the valves were installed, prior to initial operation, in the current orientation.

After initial operation, a modification was made to address NUREG 0737 requirements. Two motor operated y-pattern globe valves were added. The inboard containment isolation globe valves were replaced with motor operated globe valves. The modification did not indicate any change in orientation. The outboard motor operated y-pattern globe valves were added between the original containment isolation valves and designated as the outboard containment isolation valves. The outboard motor operated globe valves were oriented with CVCS flow under the valve seat (the top of the valve and packing are exposed to the post LOCA containment atmosphere). PES concluded that the most probable cause of the event was original construction orienting the inboard globe isolation valve with flow under the valve seats. This reflected normal engineering practice. The implications for stem packing leakage were not recognized during the design review process or the subsequent modification to add motor operated valves.

CAUSE OF THE EVENT

The cause of the event was personnel error. Prior to initial operation, the error appears to be associated with the engineering design and design review process of the Nuclear Steam System Supplier and Architect Engineer. The factors leading to the personnel error could not be identified because of the lack of documentation addressing changes to originally supplied equipment. For the

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subsequent modification, the error was made in the design change process. The factors leading to the error could not be identified by documentation. The PES review concluded that inattention to detail, a failure to check the FSAR requirements, was the most probable cause.

CORRECTIVE ACTIONS

To correct this event the following corrective actions will be performed:

- A modification will reroute IVSWS to the presently capped stem leak-off connections on valves CH-MOV-250A, B, C and D. When IVSWS is initiated following valve closure, the IVSWS will pressurize a lantern ring which has three rows of packing below and five rows of packing above with a gland nut to hold packing in place. An evaluation to support the modification will be prepared and approved. This will be complete by startup.
- Valves CH-MOV-250A, B, C and D will be removed and replaced or reinstalled to allow the valves seat/disc to act as the primary isolation barrier or the Authority will file an evaluation that supports continued use of the IVSWS to pressurize the valve packing. Action will be complete by the end of the next refueling outage.
- Containment isolation globe valves were examined to determine whether they meet FSAR requirements for orientation. The results of the examination for 23 of 34 valves are reported in LER 93-047-02. The remaining corrective action is in another commitment. This closes commitment IPN-93-153-02 in LER 93-047-00.
- Engineering will be counseled on the implications of developing a modification without assuring that all design criteria are met. Counseling is scheduled for completion by January 30, 1994.
- An independent design verification will be performed on the design criteria of the modification installing valves CH-MOV-250A, B, C and D. The balance of the valves installed by this modification will be examined to determine if they are in compliance with the modification design criteria. This is scheduled for January 14, 1994.

No additional corrective action is required to prevent recurrence of

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this event. The event probably occurred during initial design and construction and was not discovered during a subsequent modification. It could also have occurred during the subsequent plant modification. In either case, the current plant modification process is quite different and requires consideration of FSAR commitments. The current modification process will prevent recurrence.

Corrective action for the extent of condition is as follows:

- A supplement will be made to LER 93-047-02 to define corrective action if a nuclear safety evaluation cannot justify the orientation of outboard containment isolation globe valves supplied with IVSWS whose valve stem packing is not wetted by the IVSWS. If the orientation is justified by the nuclear safety evaluation, a revision to the FSAR will be initiated to allow this orientation. This action is scheduled for completion prior to startup.
- The Boron Injection Tank (BIT) is currently being removed. The modification to allow this will be revised to cut and cap the BIT bypass line with containment isolation valves SIS-V-1833A and B after Technical Specification Tables 3.6-1 and 4.4-1 have been revised to remove the valves. This modification will be completed prior to startup. If the Technical Specification change is not approved, the position of SIS-V-1833B will be reversed to support startup.
- Evaluations are continuing for seven (7) Containment penetrations to confirm the orientation of thirteen (13) containment isolation globe valves supplied with IVSWS. If deficiencies are found in outboard isolation valves that cannot be justified by a safety evaluation or in inboard containment isolation valves, corrective action will be reported in a supplement to LER 93-047-002 prior to startup.

ANALYSIS OF THE EVENT

This event is reportable under 10 CFR 50.73(a)(2)(ii)(b). The Licensee shall report any event or condition that resulted in the plant being in a condition that was outside the licensing design basis of the plant. For containment isolation lines isolated by globe valves and provided with seal water, the FSAR requires valves to be oriented so that the seal water wets the stem packing. The resulting

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water seal will block leakage through the valve stem during a Design Basis Accident. The RCP seal water line inboard containment isolation valves, CVCS valves CH-MOV-250 A, B, C & D, have not met this licensing design basis since initial plant startup because they were installed in the wrong orientation.

Recent events have been identified as similar because they report: design or construction errors that occurred prior to startup, LERs 93-045, 93-044, 93-043, 93-036, 93-035, 93-030 and 93-026 ; events identified during the resolution of DDOIs, LERs 93-045, 93-044 and 92-006; and, events that effect containment leakage requirements, LERs 93-043, 93-035, 93-016, 93-012 and 93-002.

SAFETY SIGNIFICANCE

There is no effect on the public health and safety from this event. PES reached this conclusion based upon the following considerations:

- The valve stem and packing of valves CH-MOV-250 A, B, C and D are designed to be backseated. IP3 does not backseat motor operated valves without an engineering evaluation. These valves are not backseated during normal operation so the valves are exposed to CVCS system pressure, greater than primary system pressure. The valves are located in the plant auxiliary building valve gallery which is not heavily traveled because it is a radiologically controlled area. Significant degradation of packing and the associated leakage would be detected and corrected during periodic visits by operators. Because of the significant difference between the operating pressure and the post accident pressure, minimal leakage is expected.
- Leak rate testing of similar valves identifies no significant packing leakage. The isolation valves for the four penetrations are leak rate tested using procedure 3PT-R25. Testing is performed by pressurizing between the valve seats. Testing does not test leakage through the stem packing of valves CH-MOV-250 A, B, C and D but does pressurize the stem packing of the outboard isolation valves which are of the same design. No significant leakage was detected so there could be no significant leakage through the stem packing.

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- Containment leak rate testing does not act to test the leakage through the stem packing of valves CH-MOV-250 A, B, C and D but does provide reasonable assurance that the containment design leak rate will be met. During testing the RCP seal water line is drained and vented but the isolation valve stem packing does not see the test pressure since there is a check valve (i.e., 251E, F, G and H for valves CH-MOV-250 A, B, C & D, respectively) between the valve stem packing and the vent to containment atmosphere. The Loss of Coolant Accident (LOCA) is assumed to cause the same configuration by breaking the seal water line inside the shield wall with the two additional check valves located there (this is a conservative assumption and may not be required for all LOCAs, for example, a large break LOCA is limited by leak before break). The break opens the line to containment atmosphere. There is reasonable assurance that the containment design leakage rate will be met since the configuration during LOCA and testing is the same. The potential for substantial leakage through the check valve and packing would be detected during containment testing.
- Small break LOCA due to a loss of RCP seal does not present a stem packing bypass leakage concern. RCP seal water is injected into the reactor coolant pumps between the thermal barrier and the shaft seal. The injected seal water flow becomes shaft seal leakage or enters the Reactor Coolant System through the RCP pump shaft labyrinth seal. RCP seal degradation following a small break LOCA (or other event) would not cause reverse flow since there are three check valves between each RCP seal and the valve stem packing of the associated isolation valve, CH-MOV-250 A, B, C or D.

PES evaluated the extent of condition and identified eighteen (18) penetrations with non-motor operated globe valves (motor operated globe valve configuration was reviewed as part of the Generic Letter 89-10 program) for containment isolation that are supplied by IVSWS. There are thirty four (34) globe valves on these penetrations. PES performed a field walkdown and established the position of twenty one (21) of these valves. The position of the remaining thirteen (13) valves could not be determined because of insulation or symmetrical bodies with no visible arrows. Table 1, at the end of this LER, identifies for each of the eighteen (18) penetrations: 1) the direction of flow (in or out of containment); 2) the position (inboard or outboard) of each isolation globe valve (a single listing for a penetration indicates that a globe valve was not used for the second,

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unlisted, isolation valve position); and, 3) compliance or non-compliance with the FSAR requirement for IVSWS to wet the packing (there is no compliance statement for the seven (7) penetrations where valve orientation has not yet been identified).

PES identified ten (10) isolation valves (nine (9) outboard and one (1) inboard) that do not comply with FSAR criteria (see penetrations one to eleven in Table 1). PES identified a pattern to the noncompliance consistent with the fact that flow is under the seat for the twenty one (21) valves whose orientation was established. Since the valve stem and packing is on the same side of the valve as the top of the seat, the stem and packing will be, when the valve is closed, exposed to the inside of the pipe on the side of flow direction. Therefore, a violation of FSAR criteria will occur on the inboard isolation valve when flow is into the containment (the packing faces towards the containment and is not wetted) and on the outboard isolation valve when flow is out of the containment (the packing faces away from the containment and is not wetted). This is consistent with the PES findings.

PES assessed the safety significance of the ten (10) instances (nine (9) outboard and one (1) inboard isolation valves) where FSAR criteria were violated. Since the packing in these ten (10) cases is not wetted by IVSWS, the integrity of the packing is not established during leakage testing performed in accordance with Technical Specification 4.4.E.1. The safety concern is that packing may be loose and provide a post accident leakage path.

For the nine (9) outboard isolation valves, the untested packing is facing away from the containment and does not represent a potential leakage path from that source. If a single failure were to occur on an inboard isolation valve, the bottom of the valve seat on the outboard isolation valve would act as the containment isolation barrier. Testing verifies the integrity of this barrier. PES concluded that containment isolation capability is maintained and verified by test.

For the one (1) inboard isolation valve, the untested packing is facing toward the containment and does represent a potential leakage path from that source. The valve, SIS-V-1833B, is on the 3/4" bypass line for the boron injection tank (BIT) in the high head safety injection line. To assess safety significance, PES considered the configuration of the high head safety injection line in the direction of flow. The line passes through the containment penetration to a

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header. The header has five lines leading to the reactor (four lines to cold legs and one line to a hot leg) and each of the five lines has two check valves (note that the dynamic affects of a LOCA could result in the loss of any one of the inner check valves). PES concluded that there was no significant safety hazard to public health and safety. The charcoal filters for the auxiliary building would remove minor leakage through the valve stem, if any. There would be no substantial leakage through the packing on the valve stem, whether the high head safety injection pumps are operating or not, because:

- When the high head safety injection pumps are in operation following a LOCA, the valve stem of SIS-V-1833B could be exposed to sump water during the recirculation phase of a LOCA. Leakage through the packing is not expected because any significant leakage through the valve packing would be detected during pump testing. The high head safety injection pumps are tested quarterly by opening the valves in the bypass line so that the high head safety injection pumps can take suction from the refueling water storage tank (RWST) and pump it through the BIT bypass line back to the RWST. During testing, the valve stem and packing is exposed to the line pressure which is close to the pump shutoff head.
- When the high head safety injection pumps are not in use, the valve stem and packing of SIS-V-1833B could be exposed to containment atmosphere if a downstream check valve was leaking. Since these check valves are part of the reactor coolant pressure boundary, normally subject to full reactor coolant pressure and subject to leakage testing, they are assumed to prevent leakage. The valve packing provides another leakage barrier through which substantial leakage could be detected during pump testing.

For corrective action, a nuclear safety evaluation will be performed to determine if the orientation of the nine (9) outboard isolation valves is acceptable. If not, corrective action will be identified in a supplement. For the inboard isolation valve, an existing modification to remove the BIT will be revised to remove the BIT bypass line which includes valves SIS-V-1833A and B. If the Technical Specifications for operation and testing of these valves are not revised in time to support this modification, the orientation of valve SIS-V-1833B will be reversed.

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 (MNNB 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.

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

TABLE 1

| <u>Penetration</u> ⁽¹⁾ | <u>Flow Direction</u> | <u>Valve</u> | <u>Valve Location</u> | <u>FSAR Compliance</u> |
|-----------------------------------|-----------------------|----------------|-----------------------|------------------------|
| 1 (Q) | In | 1833B 1833A | Inboard Outboard | No Yes |
| 2 (R) | In | 227 | Outboard | Yes |
| 3 (Y) | Out | 859A 859C | Inboard Outboard | Yes No |
| 4 (W) | Out | 956A 956B | Inboard Outboard | Yes No |
| 5 (W) | Out | 956C 956D | Inboard Outboard | Yes No |
| 6 (W) | Out | 956E 956F | Inboard Outboard | Yes No |
| 7 (RR) | Out | 956H 956G | Inboard Outboard | Yes No |
| 8 (W) | Out | 1223 1223A | Inboard Outboard | Yes No |
| 9 (W) | Out | 1224 1224A | Inboard Outboard | Yes No |
| 10 (W) | Out | 1225 1225A | Inboard Outboard | Yes No |
| 11 (W) | Out | 1226 1226A | Inboard Outboard | Yes No |
| 12 (BB) | Out | 1214 1214A | Inboard Outboard | (2) (2) |
| 13 (AA) | Out | 1215 1215A | Inboard Outboard | (2) (2) |

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TABLE 1

| <u>Penetration</u> ⁽¹⁾ | <u>Flow Direction</u> | <u>Valve</u> | <u>Valve Location</u> | <u>FSAR Compliance</u> |
|-----------------------------------|-----------------------|---------------|-----------------------|------------------------|
| 14 (CC) | Out | 1216 1216A | Inboard Outboard | (2) (2) |
| 15 (DD) | Out | 1217 1217A | Inboard Outboard | (2) (2) |
| 16 (X) | Out | 201 202 | Inboard Outboard | (2) (2) |
| 17 (Y) | Out | 549 548 | Inboard Outboard | (2) (2) |
| 18 (R) | Out | 796 | Inboard | (2) |

Table 1 Notes

- (1) The penetration indicator found on flow diagrams is identified in parentheses.
- (2) Evaluations are continuing for the extent of condition for the seven (7) penetrations where valve orientation was not confirmed. PES has identified the flow direction on the seven (7) penetrations as out of containment. Since the flow has been under the seat for all globe valves identified to date (this is standard design practice), PES expects to find that outboard isolation valves will not comply with FSAR requirements. If the continuing investigation identifies non-compliance(s) with the outboard isolation valves that cannot be justified by a safety evaluation or with the inboard containment isolation valves, corrective action will be reported in a supplement to LER 93-047-02.