

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

9

VALVE
SUBCOD
$$\begin{array}{|c|} \hline Z \\ \hline 20 \end{array}$$

REVISION
NO.
0

COMPONENT			
MANUFACTURER			
N	0	0	

[illegible]

(315) 342-3840 X207

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

ATTACHMENT TO LER 82-017/03L-0

Page 1 of 2

During normal operation, the Main Steam Isolation Valve (MSIV) ten percent closure position switches did not properly trip or reset following partial closure or re-opening of the MSIVs. In one (1) case the switches failed in the tripped position and in two (2) cases the switches failed to trip when the MSIV was partially closed to verify proper operation of the switches as required by Technical Specifications Table 4.1-1. Listed below is a brief description of each of the failures and corrective actions taken.

1. 3/31/82, 'D' Main Steam Line Inboard Isolation Valve (29-AOV-80D): Operations personnel noted that the associated Reactor Protection System (RPS) relay was in the tripped condition indicating that the valve ten percent closure position switch had not reset following an earlier valve operation. Since the valve and position switch are inside containment and the failure placed the protective circuits in the tripped (safe) condition, no corrective action will be taken until a containment entry is made. Valve control switches were tagged to warn operators of the condition.
2. 3/31/82, 'A' Main Steam Line Outboard Isolation Valve (29-AOV-86A): Operations personnel noted that the associated RPS relay was in the tripped condition indicating that the valve ten percent closure position switch had not reset following an earlier valve operation. Repair (adjustment) of the position switch would have been possible since the valve and switch are outside containment. However, repair was deferred as the failure placed protective circuits in the tripped (safe) condition and adjustment would require significant radiation exposure with plant operation continuing. Valve control switches were tagged to warn operators of the condition.
3. 4/2/82, 'B' Main Steam Line Outboard Isolation Valve (29-AOV-86B): During test of MSIV closure position switches required by Technical Specifications Table 4.1-1, the RPS System relay associated with 29-AOV-86B did not trip indicating failure (or maladjustment) of the valve position switch. Failure of this switch, together with the failure associated with 29-AOV-80D and 86A, noted above, required action in accordance with Technical Specification Table 3.1-1, Note 1.
4. 4/2/82, at approximately 0220 hours:
Commenced load reduction to allow control rod insertion.

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

ATTACHMENT TO LER 82-017/03L-0

Page 2 of 2

5. 4/2/82, (0225 hours) 'A' Main Steam Line Inboard Isolation Valve (29-AOV-80A):
Testing of MSIV closure switches continued. The RPS relay associated with 29-AOV-80A did not trip indicating failure (or maladjustment) of the valve position switch. This failure also required action in accordance with Technical Specifications Table 3.1-1, Note 1.
6. 4/2/82, at approximately 0300 hours:
Insertion of the control rods initiated in order to meet the requirement that control rods be inserted within the four (4) hours allowed by Table 3.1-1, Note 1.
7. 4/2/82, at approximately 0500 hours:
Adjustment of the position switch on 29-AOV-86B was completed and fuses for RPS relays associated with 29-AOV-80A were removed to place the protective circuits in the tripped (safe) condition.

These actions placed each of the RPS circuits associated with MSIV closure in a tripped (safe) or operable condition and allowed termination of control rod insertion and return to near rated power. Additional investigation and repair will be conducted during the next drywell entry and a followup report will be submitted to provide additional information with respect to the cause of the failure and corrective action.