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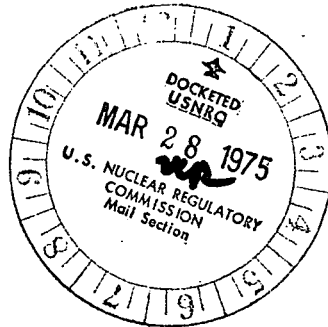
Regulatory

File Cy.

BBS Ltr. #169-75

Dresden Nuclear Power Station  
 R.R. #1  
 Morris, IL 60450

March 17, 1975



James G. Keppler  
 Regional Director  
 Directorate of Regulatory Operations - Region III  
 U.S. Nuclear Regulatory Commission  
 799 Roosevelt Road  
 Glen Ellyn, IL 60137

SUBJECT: REPORT OF UNUSUAL EVENT PER SECTION 6.6.C OF THE TECHNICAL SPECIFICATIONS  
 HIGH PRESSURE COOLANT INJECTION HIGH FLOW SWITCH SETPOINT DRIFT

- References: 1) Regulatory Guide 1.16 Rev. 1 Appendix A
- 2) Notification of Region III of U.S. Nuclear Regulatory Commission  
 Telephone: W. Knop, 1600 hrs, 3/7/75  
 Telegram: J. Keppler, 1645 hrs, 3/7/75
- 3) Drawing Number: M-51-12E2527

Report Number: 50-237/75-15

Report Date: 17 March 1975

Occurrence: 7 March 1975

Facility: Dresden Nuclear Power Station, Morris, IL 60450

IDENTIFICATION OF OCCURRENCE

HPCI Steam Line High Flow Instrument Technical Specification Setpoint Violation. This occurrence was initially considered an abnormal occurrence. Further review has concluded that this system has not been required to be operable since the last surveillance was performed on January 16, 1975. Therefore, this occurrence has been reclassified as an unusual event.

CONDITIONS PRIOR TO OCCURRENCE

Dresden Unit 2 was in the shutdown mode with a major refueling outage in progress.

DESCRIPTION OF OCCURRENCE

During routine instrument surveillance of Pressure Switch DPIS2-2352, the observed setpoint was found to be 155 inches H<sub>2</sub>O DP increasing. This setpoint is above the Technical Specification Limit of less than or equal to 150 inches H<sub>2</sub>O DP. The switch was immediately reset to 146 inches.

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DESIGNATION OF APPARENT CAUSE OF OCCURRENCE (DESIGN/DEFICIENCY)

Pressure Switch DPIS2-2352 has had a history of setpoint drift. The switch has been inspected by the vendor (Barton) and identified as having an excessively high range for the setpoint required. Modification ML2-74-142 has been initiated to correct the range problem.

ANALYSIS OF OCCURRENCE

The function of DPIS2-2352 is to sense high flow in the HPCI steam supply, and initiate an isolation of the HPCI system. With the reactor in refuel and the head removed, the HPCI system is not required to be operable. The switch was last checked on January 16, 1975, and found to be well within limits. It is therefore concluded that the safety of plant personnel or the general public was in no way jeopardized as a result of this switch setpoint.

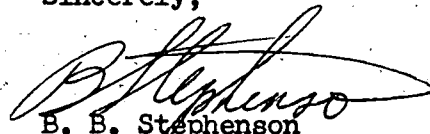
CORRECTIVE ACTION

The range of the switch will be changed by replacing the switch bellows in accordance with Modification ML2-74-142.

FAILURE DATA

Switch DPIS2-2352 was found with a setpoint above the Technical Specifications on January of 1973. The switch is a Barton Model 288 with a range of -200 to +200 inch H<sub>2</sub>O.

Sincerely,



B. B. Stephenson  
Superintendent  
Dresden Nuclear Power Station

EBS:WEH:slb