



Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

DMB/LER

June 8, 1981

DJS LTR #81-471

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

Reportable Occurrence Report #81-30/01T-0, Docket #050-237 is being submitted to your office in accordance with Dresden Nuclear Power Station Technical Specification 6.6.B.1.(b), operation of the unit or affected systems when any parameter or operation subject to a limiting condition is less conservative than the least conservative aspect of the limiting condition for operation established in the technical specifications.

D. J. Scott
Station Superintendent
Dresden Nuclear Power Station

DJS:lg

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
U.S. NRC, Document Mgt. Branch
File/NRC

JUN 10 1981

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 I L D R S 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5

CON'T REPORT SOURCE L 0 5 0 0 0 2 3 7 0 5 2 6 8 1 8 0 6 0 8 8 1 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During normal operation an operator noticed the HPCI steam line was cold and filled with water. The HPCI system was declared inoperable (Tech. Spec. 3.5.C.1). The health and safety of the general public was not endangered since redundant safety systems were operable. This is the first occurrence of this type.

09 SYSTEM CODE S F 11 CAUSE CODE A 12 CAUSE SUBCODE C 13 COMPONENT CODE V A L V E X 14 COMP. SUBCODE E 15 VALVE SUBCODE D 16 LER/RO REPORT NUMBER 17 8 1 21 22 0 3 0 24 26 0 1 27 28 29 T 30 31 0 32 ACTION TAKEN B 18 FUTURE ACTION G 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 37 40 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER C 6 6 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The cause of the pipe filling with water was that the valve disc was installed backwards on the HPCI turbine steam supply valve, thereby not allowing condensate to drain from the pipe. The valve was rebuilt ensuring that the valve disc was installed properly. The work manual or maintenance procedure for this valve will be changed to verify proper installation of disc.

15 FACILITY STATUS E 28 % POWER 0 4 4 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator observation 32 ACTIVITY CONTENT Z 33 Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36 PERSONNEL EXPOSURES 0 0 0 37 Z 38 DESCRIPTION N/A 39 PERSONNEL INJURIES 0 0 0 40 DESCRIPTION N/A 41 LOSS OF OR DAMAGE TO FACILITY Z 42 DESCRIPTION N/A 43 PUBLICITY ISSUED N 44 DESCRIPTION N/A 45

ATTACHMENT TO LICENSEE EVENT REPORT #81-030-01T/0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT #2
DOCKET # 050-237

During normal operation, while performing a plant tour, an operator noticed HPCI steam supply line to be cold and filled with water. The HPCI system was declared inoperable. The water was immediately drained from the pipe via an alternate path to make the HPCI system operable. The health and safety of the general public was not endangered since redundant systems were operable. This is the first occurrence of this type.

Investigation revealed that the disc of the HPCI turbine steam supply valve was installed backwards, thereby not allowing the condensate to drain from the system. The valve was rebuilt ensuring that the valve disc was installed properly. The work manual or maintenance procedure for this valve will be changed to verify proper installation of disc.



Commonwealth Edison

DEVIATION REPORT

DVR NO.	STA	UNIT	YEAR	NO.
	D-12	- 2	- 81	- 50

PART 1 TITLE OF DEVIATION: Possible Filling of HPCI Steam Line

OCURRED DATE: 5/26/81 TIME: 2020

SYSTEM AFFECTED: 2300 HPCI

PLANT CONDITIONS: MODE Run PWR (MWT) 1136 LOAD (MWE) 315

TESTING: YES NO

DESCRIPTION OF EVENT: Determined that HPCI Steam Line was filled with condensate from Rx vessel to the MO 2-2301-3 valve.

DESCRIPTION OF CAUSE: Unknown

OTHER APPLICABLE INFORMATION: MO-2-2301-3 valve was manually cracked open to establish flow and drain the line. Valve 2301-3 breaker was racked OOS to prevent auto opening.

EQUIPMENT FAILURE	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DR NO.	WR NO. 13762	John Achterberg	5/26/81
				RESPONSIBLE SUPERVISOR	DATE

PART 2 OPERATING ENGINEERS COMMENTS: HPCI declared inoperative at 2020, when steam line was found full of water. Started running required surveillance and returned HPCI to service at 0230 on 5/29/81.

TYPE OF DEVIATION REPORTABLE OCCURRENCE	EVENT OF POTENTIAL PUBLIC INTEREST	TECH SPEC VIOLATION	NON-REPORTABLE OCCURRENCE	ANNUAL REPORTING	SAFETY-RELATED WR ISSUED
<input checked="" type="checkbox"/> 14 DAY <input type="checkbox"/> 30 DAY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
NOTIFICATION 6.6.B.1.B					

REPORTABLE OCCURRENCE NUMBER	ACTION ITEM NO.	PROMPT ON-SITE NOTIFICATION
XXX 81-30/01T-0		R. M. Ragan TITLE DATE TIME 5/26/81 2040

24-HOUR NRC NOTIFICATION	PROMPT OFF-SITE NOTIFICATION
<input checked="" type="checkbox"/> TPH T. Tongue 5/27/81 0730 REGION III DATE TIME	F. A. Palmer 5/27/81 2:45 TITLE DATE TIME
<input checked="" type="checkbox"/> TGM J. Keppler 5/27/81 2:27 REGION III & DOL DATE TIME	

RESPONSIBLE COMPANY OFFICER INFORMED OF 10CFR21 CONDITIONS AND THEIR REPORT TO NRC: T. Lang

REVIEW AND COMPLETED: T. Lang OPERATING ENGINEER DATE: 5/27/81

ACCEPTANCE BY STATION REVIEW AS REQUIRED: J. Brunner 6/8/81

DATE: 6/8/81

RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION: Douglas J. ... 6/8/81

STATION SUPERINTENDENT DATE