



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
July 9, 1971

Mr. Boyce Grier, Director
A.E.C. Compliance Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: DPR-19 and DPR-25 Dresden Nuclear Power Station
Units 2 and 3. Letter in lieu of telegram because
of Western Union employee strike. Confirming phone
conversations with Mr. E. A. Jordan July 7 and 8, 1971

Dear Mr. Grier:

The following events occurred during the initial heating phase
of Unit 3 startup test program at reactor pressures less than 200 psig.

At 1800 on 7/4/71 while increasing reactor pressure beyond
100 psig the HPCI auto-isolation failed to reset thereby making Unit 3
HPCI inoperable as specified in 3.5.C.1. The cause was determined
to be a relay contact wiring error which was immediately corrected and
HPCI isolation valves MO-3-2301-4 and MO-3-2301-5 opened as required.

Between 0001 and 0800 on 7/5/71 difficulty was experienced
in initially opening the Unit 3 HPCI control valves by operation of the
motor speed changer (MSC) in the control room. Further operation of the
MSC resulted in proper control valve operation. It is felt that the
valves would have opened as required upon automatic initiation. The
difficulty is considered to be due to the extended idle condition of the
HPCI subsequent to November, 1970, preoperational tests requiring a
slightly greater pressure applied to the hydraulic relay than was
performed in the gradual increase by the initial operation of the MSC.

1S/2YK/Staff 7/31/71

x Docket No. 50-249

8304080194 710709
PDR ADOCK 05000237
S PDR

JUL 12 1971

MEMO ROUTE SLIP

Form AEC-93 (Rev. May 14, 1947)

See me about this.
Note and return.

For concurrence.
For signature.

For action.
For information.

TO (Name and unit) J. G. Keppler CO:HQ	INITIALS DATE	REMARKS
TO (Name and unit)	INITIALS DATE	REMARKS
TO (Name and unit)	INITIALS DATE	REMARKS
FROM (Name and unit) D. M. Hunnicutt CO:III	REMARKS Attached is the original of a letter from Commonwealth Edison dated 7-9-71, in lieu of a telegram, reporting malfunctions during initial heatup at Dresden 3.	
PHONE NO. 	DATE 7-13-71	Copy sent PDR

USE OTHER SIDE FOR ADDITIONAL REMARKS

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July 9, 1971

At 0735 on 7/6/71 after completion of a Unit 3 HPCI test run the torus water volume exceeded the maximum as specified in 3.7.A.1 by approximately 1900 cubic feet. The water was returned to within specification limits by 1200 the same day.

At 2200 on 7/6/71 it was noted that Unit 3 torus water temperature had reached 105°F. Previous daily surveillance on 7/5/71 showed 84°F. The temperature increase was due to a combination of HPCI test runs and a leaking electromagnetic relief valve which was reseated by momentary manual actuation. Cooling was initiated and temperature returned to within 3.7.A.1 specified limits by 0630 on 7/7/71.

At 0425 on 7/6/71 while performing monthly diesel-generator surveillance the 2/3 diesel tripped during start from annunciated high crankcase pressure. Investigation did not reveal the cause and repeated local starts did not duplicate the situation. Subsequent repeated starts from the control room were successful except for the first attempt in which the operator did not apparently make full contact with the starting control switch. It is felt that the high crankcase pressure was spurious. The diesel-generator was declared operable as specified in 3.9.B.2 and is being tested daily through the remainder of the week to demonstrate continued operability. Units 2 and 3 diesel generators were also tested satisfactorily.

Sincerely,

*H K Hoyt / JH*H. K. Hoyt
Superintendent

HKH:GLR:ls

cc: Dr. P. Morris
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