



Commonwealth Edison  
One First National Plaza, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

BBS Ltr. #370-75

Dresden Nuclear Power Station  
R. R. #1  
Morris, Illinois 60450  
June 13, 1975



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

SUBJECT: REPORT OF ABNORMAL OCCURRENCE PER SECTION 6.6.A OF THE TECHNICAL  
SPECIFICATIONS  
FAILURE OF THE UNIT-2 DIESEL GENERATOR TO START

- References:
- 1) Regulatory Guide 1.16 Rev. 1 Appendix A
  - 2) Notification of Region III of U. S. Nuclear Regulatory Commission  
Telephone: P. Johnson, 1645 hours on June 5, 1975  
Telegram: J. Keppler, 1055 hours on June 5, 1975
  - 3) Drawing Number M173
  - 4) Letters from B. B. Stephenson to J. Keppler, report numbers  
50-237/1975-16 and 50-237/1975-26

Report Number: 50-237/1975-37

Report Date: June 13, 1975

Occurrence Date: June 4, 1975

Facility: Dresden Nuclear Power Station, Morris, Illinois

#### IDENTIFICATION OF OCCURRENCE

The Unit-2 diesel generator failed to start following a monthly inspection.

#### CONDITIONS PRIOR TO OCCURRENCE

Unit-2 was in the run mode at 1650 MWt and 525 MWe.

#### DESCRIPTION OF OCCURRENCE

At approximately 1800 hours on June 4, 1975 the Unit-2 diesel generator failed to start on the first attempt.

8304080490 750613  
PDR ADOCK 05000237  
S PDR

8538

June 13, 1975

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE

The exact cause for the starting failure of the Unit-2 diesel generator cannot be determined at this time.

ANALYSIS OF OCCURRENCE

The Unit 2/3 diesel generator was available as a backup and could have provided the necessary emergency power for a safe shutdown if required. The health and safety of the public were not jeopardized by this occurrence.

CORRECTIVE ACTION

Immediately following the initial failure, several additional starts were performed. The diesel failed to start one additional time. The next day the diesel was started six times in an attempt to duplicate the failure; however, it started successfully each time. On June 10, 1975 another test was conducted and the diesel again started six times out of six attempts. At approximately 0100 hours on June 11, 1975 the Unit-2 diesel failed to start twice in four attempts. A factory representative was called that morning to observe the start-ups. All six starts were successful.

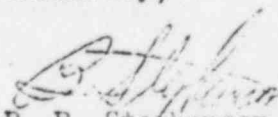
Close surveillance of the diesel will be continued until the problem can be pinpointed. When the cause has been determined, suitable action will be taken and a follow-up letter will be submitted.

FAILURE DATA

The Unit-2 diesel generator has had a series of recent starting failures of a similar nature. Previous failures occurred on April 15, 1975 (Report No. 50-237/1975-26) and on March 17, 1975 (Report No. 50-237/1975-16).

The diesel generator was manufactured by Electro-Motive Division, General Motors Corporation. It is rated at 2500 kW, 4160 V and 900 RPM.

Sincerely,

  
B. B. Stephenson  
Superintendent

BBS:JEM:smp

File/NRC

JAMES U. Koppier, Regional Director  
Directorate of Regulatory Operations  
Region III  
U.S. Nuclear Regulatory Commission  
200 Roosevelt Road  
Glen Ellyn, IL 60137

To: copied Date 6-6-75  
of 10:55 a.  
By 10:40 a.  
By AM

cc:  
Bernard C. Rusche, Director  
Directorate of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

50-237

SUBJECT: DPR-19, Dresden Nuclear Power Station, Unit 2

This will confirm a conversation with Mr. Johnson of  
your office at 1800 <sup>5 June</sup> hrs this date concerning FAILURE OF U2 DIESEL  
GENERATOR TO START AFTER MONTHLY INSPECTION. DIESEL  
APPARENTLY DID NOT CROAK. ATTEMPTS TO DUPLICATE FAILURE  
WITH MAINTENANCE IN ATTENDANCE WERE NOT SUCCESSFUL AS DIESEL  
STARTED 6 TIMES IN SUCCESSION. INVESTIGATION IS CONTINUING

COPY SENT TO:

PDR ☒  
LPDR ☐  
NSIC ☐  
TIC ☐

To Call:

GE - 5-838-2660x16 (auto)  
DE - 9-1-301-452-7617 (auto) - on 6  
WE - 815-942-4449/4321

Station Dist: Originator (copy)  
Incident File (copy)  
Telegram File (original)

B. E. Stephenson, Superintendent  
Dresden Nuclear Power Station  
Commonwealth Edison Company  
R.R. #1

Morris, IL 60450 6/6/75 11:20

Telephone: 815-942-2920/2921x212  
(teletype x242)