

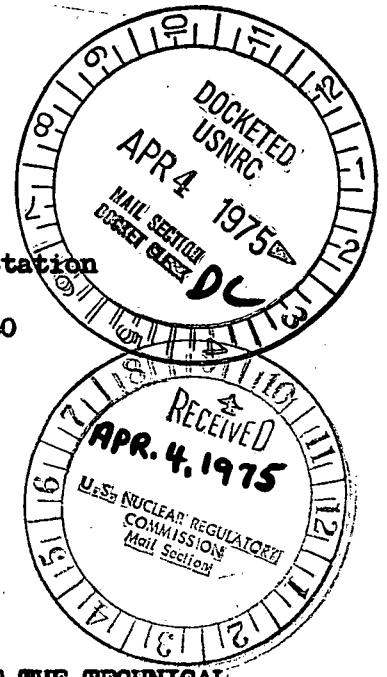


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**Regulatory Docket File**

BBS Ltr. #197-75

Dresden Nuclear Power Station  
 R. R. #1  
 Morris, Illinois 60450  
 March 27, 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**  
**UNIT 2 DIESEL GENERATOR FAILED TO COME UP TO VOLTAGE**

- References:
- 1) Regulatory Guide 1.16 Rev. 1 Appendix A
  - 2) Notification of Region III of U. S. Nuclear Regulatory Commission  
 Telephone: P. Johnson, March 21, 1975  
 Telegram: J. Keppler, March 21, 1975
  - 3) Letter from B. B. Stephenson to J. G. Keppler, Report number 50-237/1975-16

Report Number: 50-237/1975-18

Report Date: March 27, 1975

Occurrence Date: March 19, 1975

Facility: Dresden Nuclear Power Station, Morris, Illinois

**IDENTIFICATION OF OCCURRENCE**

The Unit 2 diesel generator failed to come up to voltage while being tested for a previous start failure problem.

**CONDITIONS PRIOR TO OCCURRENCE**

Unit 2 was in the cold shutdown mode during an extended refueling outage. The diesel generator was being tested to determine the source of a starting problem and declared out of service.

DESCRIPTION OF OCCURRENCE

On March 19, 1975 at approximately 2130 hours, the Unit 2 diesel generator was started but failed to come up to voltage.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE

The apparent cause of this abnormal occurrence was dirty contacts on the V<sub>s</sub> relay in the field flashing circuit of the Unit 2 diesel generator.

ANALYSIS OF OCCURRENCE

The health and safety of the public were not in jeopardy due to this occurrence because the Unit 2 diesel generator was out of service at the time of the occurrence and the Unit 2/3 diesel generator was operable as required by the Technical Specifications.

CORRECTIVE ACTION

An investigation was conducted the morning after the occurrence. During subsequent testing of the diesel generator it failed to come up to voltage two more times. The last time, an electrician began checking the field flashing circuitry and found a low voltage reading on the V<sub>s</sub> relay. The relay was then examined and its contacts cleaned. A service representative was called out from Electro-Motive. No further problems with the diesel generator could be found. It was started successfully ten times indicating that the relay was apparently the problem. Inspection of the V<sub>s</sub> relay contacts will be added to the diesel surveillance schedule.

FAILURE DATA

No failures of this type have previously occurred with the diesel generator.

*Arthur M Roberts*  
for B. B. Stephenson  
Superintendent

EBS:smp

File/NRC