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BBS LTR. #830-75

Dresden Nuclear Power Station  
RR #1  
Morris, Illinois 60450  
December 17, 1975

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



SUBJECT: SUPPLEMENTAL REPORT TO LETTER DATED OCTOBER 2, 1975, ENTITLED  
"UNIT-2 DIESEL GENERATOR FAILURE TO START" (Report No. 50-237/  
75-44)

References: 1) Report No. 50-237/75-44  
2) Drawing No. M173

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REPORT NUMBER: 50-237/75-44A

REPORT DATE: December 17, 1975

FACILITY: Dresden Nuclear Power Station, Morris, Ill.

#### INTRODUCTION

In the course of pursuing corrective actions specified by the original abnormal occurrence report, certain aspects of that occurrence were clarified. As a result, the following paragraphs should replace the corresponding items of report no. 50-237/75-44.

#### DESIGNATION OF APPARENT CAUSE OF OCCURRENCE (Component Failure)

The apparent cause of the occurrence was failure of the air relay valve. The air relay valve piston and "O" rings exhibited abnormal stickiness. In the past, "O" rings used for the valve piston have been off-shelf items sized to fit the "O" rings removed. Variations in "O" ring sizes from storeroom stock may have accounted for the sluggish valve operation.

#### CORRECTIVE ACTION

8303310644 751217  
PDR ADOCK 05000237  
S PDR

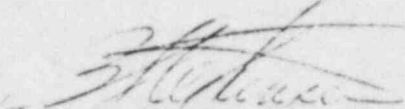
The diesel generator was removed from service, and the entire air start system was inspected for obstructions. The air relay valve was subsequently dismantled, and the sticking "O" rings were replaced with the proper components.

Upon reassembly, the valve was operated satisfactorily several times. The diesel generator has been started at least three times since the valve was re-installed. No starting difficulties have been noted.

"O" rings for the specific valve have been ordered directly from the vendor and will be stocked, safety-related items.

FAILURE DATA

The air relay valve is a 2" air-operated valve manufactured by Graham-White Mfg.



B. B. Stephenson  
Station Superintendent

BBS:JBM:smp

File/NRC