Regulatory File Cy.

SUPPLEMENT TO DVR

DVR NO. STA	UNIT	YEAR	NO.
D -	12 - 3 -	74 -	2

PART 1 TITLE OF EVENT — OCCURRED

Condenser Low Vacuum Scram Switch 3-503C Drift — DATE: 1-14-74 — TIME: 1800

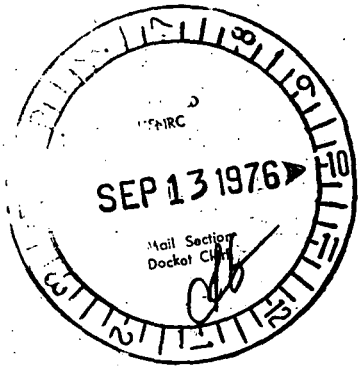
REASON FOR SUPPLEMENTAL REPORT

Switches in situ have stabilized; replacement of these switches is no longer desirable –

PART 2

ACCEPTANCE BY STATION REVIEW	J E Watts	P.W. Logan	
DATE	9/1/76	9/1/76	

SUPPLEMENTAL REPORT APPROVED AND AUTHORIZED FOR DISTRIBUTION — STATION SUPERINTENDENT — DATE: 9/9/76



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

50 - 10-237 249

BBS Ltr. #76-642

August 31, 1976

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

SUBJECT: Dresden Unit-3 Condenser Low Vacuum Scram Switches

References: 1) Letter to J.F. O'Leary from W.P. Worden dated January 22, 1974

2) P & ID M-346

Report Date: August 31, 1976

Occurrence Date: January 14, 1974

INTRODUCTION

Under "Corrective Action" of the Abnormal Occurrence report referenced above, it was stated that the existing Barksdale condenser low vacuum scram switches appeared to lack acceptable repeatability. To correct the problem, the Barksdale switches were to be replaced with Static-O-Ring Corporation vacuum switches which had proved to be very reliable in similar applications.

RESOLUTION

After qualitative testing, the proposed substitution of the Static-O-Ring switch was judged to be undesirable because of the switch's seismic limitations. Furthermore, the performance of the condenser low vacuum scram switches over the intervening 34-month period indicates that the Barksdale switches have stabilized significantly. The maximum drift exhibited by any of these switches over this period has been 0.6 in Hg, which occurred once on PS 503C. By adjusting these switches to the Dresden setpoint band of 23.7 $\pm$ 0.2 in Hg, all setpoint variations have remained well within Technical Specification limits. Since the existing Barksdale switches on Unit-3 appear to be performing as designed, no corrective action is deemed necessary.

B.B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

BBS:WEH:bbc