

TO: Regional Director  
Directorate of Regulatory Operations  
Region III  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, IL 60137

DATE: 12-23-77  
Telecopied Date 12/23/77  
or  
Telegrammed: GE 3:00 pm  
DC \_\_\_\_\_  
By DR

cc: ~~Director  
Office of Management Information and Program Control  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555~~

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

This will confirm a conversation with Mr. W. Shafer of your office at 1330 hrs this date concerning NON-CONSERVATIVE setpoints on the flow biased inputs to the Rod Block Monitor and Average Power Range Monitoring Systems during refueling outage surveillance which resulted in these setpoints being 2-3% above the Safety Limit Settings specified in the Technical Specifications. At no time was the actual safety limits exceeded due to conservatism built-in ~~to~~ control rod patterns on return to power (and procedures) to allow for flow inaccuracies which are not totally evident until 100% flow is attained. The error in setpoints was discovered during core flow calibrations upon attaining flow of 100% for the first time following the refueling outage. The flow comparators were immediately reset. The setpoint inaccuracies were the result of calculated "desired" setpoints in the refueling outage surveillance procedure which specified no tolerances for setpoint band. Actual calibration left setpoints as much as 4-7% in error on flow signals, causing power errors of 2-3%.

REGIONAL DIRECTOR

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To Call:  
GE - 7-858-2660x16  
DC - 9-1-301-492-7617 (auto)  
WU - 815-942-4449/4321

B. B. Stephenson, Superintendent  
Dresden Nuclear Power Station  
Commonwealth Edison Company  
R.R. #1  
Morris, IL 60450

Station Dist: Originator (copy)  
Incident File (copy)  
Telephone: 815-942-2920/2921x212

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Rev. 12-75

