

This preliminary notification constitutes EARLY notice of events of POSSIBLE national security or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the staff on this date.

Facility: Consumers Power Company  
Midland Nuclear Power Station  
Units 1 & 2  
Midland, MI 48640  
Docket Nos: 50-329; 50-330

Licensee Emergency Classification:  
\_\_\_\_ Notification of an Unusual Event  
\_\_\_\_ Alert  
\_\_\_\_ Site Area Emergency  
\_\_\_\_ General Emergency  
xx Not Applicable

Subject: STOP WORK ORDERS ISSUED BECAUSE OF DOCUMENT CONTROL PROBLEMS

Consumers Power Company on October 24, 1983, notified Region III (Chicago) that it was issuing nine stop work orders involving extensive safety-related activities at the Midland site. The orders were issued as the result of a quality assurance audit of the design document control system.

The stop work orders included procurement activities, testing, nuclear steam supply system installation, piping and pipe support fabrication, remedial soils work, heating, ventilating and air conditioning system installation, Bechtel quality control hanger reinspections, Bechtel quality control activities, and Bechtel post-turnover activities. Bechtel is the architect-engineer and principal site contractor. The licensee estimates 500 to 600 workers will be laid off as a result of the stop work orders.

The licensee's audit determined that field design changes were not being identified on all applicable construction drawings, that the effects of minor design changes on design criteria were not being recalculated, and that the quality assurance organization was not reviewing design changes for non-safety-related work which might affect safety-related systems.

The licensee's corrective action will involve the review of 30,000 field design change documents. Each document involves an average of 1.7 construction drawings. The licensee has not determined how long the document review will take.

There has been local news media interest in the stop work orders. The licensee has not issued a news announcement. Region III is responding to inquiries.

The State of Michigan will be notified.

Region III was informed of the audit findings on October 22, 1983. This information is current as of 11 a.m. (CDT), October 24, 1983.

CONTACT:

*J. Harrison*  
J. Harrison  
FTS 388-5635

*R. Gardner*  
R. Gardner  
FTS 388-5524

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