



Illinois Power Company
Clinton Power Station
P.O. Box 678
Clinton, IL 61727
Tel 217 935-8881

U-601991
EP640-92(06-01)LP
1N.150

June 1, 1992

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Clinton Power Station Notification of Unusual Event

Dear Sir:

Please find attached a summary report of the Notification of Unusual Event (NOUE) which occurred at the Clinton Power Station on May 22, 1992. This summary report is submitted pursuant to Appendix 1 of NUREG-0654 (Revision 1) and Clinton Power Station Emergency Plan Implementing Procedure, AP-03, "EMERGENCY RECORDS RETENTION". If there are any questions concerning this summary report, please contact me at (217) 935-8881, extension 3400.

Sincerely yours,

F. A. Spangenberg, III
Manager - Licensing and Safety

MWL/mjb

Attachment

cc: Regional Administrator, Region III, USNRC
J. McCormick - Barger Chief Emergency Preparedness Section
NRC Clinton Licensing Project Manager
NRC Resident Office
Illinois Department of Nuclear Safety

050077

9206050155 920601
PDR ADOCK 05000461
S PDR

FE22
11

CLINTON POWER STATION

NOTIFICATION OF UNUSUAL EVENT

On Friday, May 22, 1992, at 0802 hours, a Notification of Unusual Event (NOUE) was declared in accordance with Emergency Plan Implementing Procedure EC-02, EMERGENCY CLASSIFICATIONS. This procedure requires a NOUE be declared if a fire within the plant occurs and lasts for more than 10 minutes.

Clinton Power Station was shutdown at 0% power in a Refueling Outage in Mode 4 when the fire occurred.

At approximately 0700 hours on May 22, 1992, a licensed Reactor Operator noted unusual offgas charcoal adsorber bed temperatures while performing a routine walkdown of control room panels. After monitoring charcoal adsorber bed temperatures, plant operators placed the beds in the "bypass" mode in response to a possible charcoal fire. The NOUE was declared based on local confirmation that the external vessel surface was hot and that the chart recorder indicated the adsorber bed temperature was greater than 300°F.

At 0811 hours the Fire Brigade was activated; at 0852 hours, nitrogen (N₂) flow to the charcoal beds was established using portable bottles in accordance with site operating procedures.

The State of Illinois was notified of the NOUE at 0814 hours on Friday, May 22, 1992, and the Nuclear Regulatory Commission (NRC) Incident Response Center was notified at 0826 hours. The NRC Resident Inspector was notified at 0827.

IP developed criteria for determining when the fire could be considered extinguished. These criteria required a concentration of less than 10 ppm carbon monoxide (CO) with no indication of an increasing trend, steady or decreasing vessel and charcoal temperatures, and carbon dioxide (CO₂) levels less than one percent. A sampling process was established to monitor the purge exhaust composition at the exit of the charcoal adsorber beds. These criteria were met, and the Notification of Unusual Event was terminated at 1850 hours on Saturday, May 23, 1992.

The State of Illinois was notified of termination of the NOUE at 1855 hours on Saturday, May 23, 1992, and the Nuclear Regulatory Commission (NRC) Incident Response Center was notified of the termination at 1918 hours. The NRC Resident Inspector was also notified.