

**ILLINOIS
POWER**

U-602630
August 27, 1996
IN.150
EP640

Docket No. 50-461

10CFR50.47

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

Subject: Clinton Power Station
Alert

Dear Sir:

Please find attached a summary report of the ALERT Event which occurred at Clinton Power Station on August 19, 1996. This summary report is submitted pursuant to Appendix 1 of NUREG-0654 (Revision 1) and Table 4-6 of the Clinton Power Station Emergency Plan. If you have any questions concerning this summary report, please contact me.

Sincerely yours,



J. C. Wemlinger
Director-Operations Training and Emergency
Response

WLY/alo

Attachment

cc: Regional Administrator, Region III, USNRC
J. Creed, Chief, Division Reactor Safety and Safeguards
D. Pickett, NRC Clinton Licensing Project Manager
NRC Resident Office
Illinois Department of Nuclear Safety

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Clinton Power Station
ALERT

On Monday, August 19, 1996, at approximately 1730 hours, an Alert was declared in accordance with Emergency Plan Implementing Procedure (EPIP) EC-02, EMERGENCY CLASSIFICATIONS. This procedure requires that an Alert be declared for a fire in the plant potentially affecting safety system(s). The Alert was terminated at the same time because the fire had been immediately extinguished and therefore the condition for the Alert no longer existed.

At approximately 1720 hours on August 19, 1996, Clinton was operating at approximately 100% of rated thermal power when during a routine inspection of the auxiliary building, smoke was noticed coming from insulation attached to the Reactor Core Isolation Cooling (RCIC) turbine. As the smoking insulation was removed, a small flame appeared. The fire was immediately extinguished, lasting only about 15 seconds. The fire was limited to insulation, which was removed. No damage to the RCIC turbine was identified.

The State of Illinois was notified of the Alert and the termination at 1743 hours and the NRC Incident Response Center was notified at approximately 1807 hours. A press release was also developed and distributed to the media.

An investigation after the event found loose bolts on the outboard turbine bearing causing oil to leak onto the insulation. The RCIC turbine had been run for an operability check following performance of a five year maintenance evolution, and had sat idle for three hours causing the turbine to heat up, thus igniting the oil soaked insulation.