

NOTICE OF VIOLATION

Illinois Power Company
Clinton Power Station

Docket No. 50-461
License No. NPF-62
EA 90-108

As a result of the inspection conducted from July 4 through August 21, 1990, and in accordance with the "General Policy and Procedures for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1990), the following violations were identified:

1. Technical Specification 6.8.1.g required that the Fire Protection Program be implemented by written procedures. Clinton Power Station procedure CPS No. 1893.01, paragraph 6.0, required that the storage of flammable liquids in safety-related areas was prohibited and paragraph 8.2.8.2, required that Class IB flammable liquids be kept in approved/listed safety cans.

Contrary to the above:

- a. On July 12, 23, 24, and 27, 1990, a flammable liquid, acetone, was found unattended in four areas: the fuel building, the drywell, the auxiliary building, and the control building.
- b. On July 12, 1990, a flammable liquid, acetone, was found in an unapproved container in the fuel building.

This is a Severity Level IV violation (Supplement I). (461/90016-02(DRP))

2. 10 CFR 50, Appendix B, Criterion III, required that measures be established to assure that the applicable design basis was correctly translated into specifications, drawings, procedures and instructions.

The American Society of Mechanical Engineers (ASME), Boiler and Pressure Vessel Code (Code), Section III - Division I, Subsection ND-3100 and ND-3649.1 (1974 edition) required that Code class 3 piping and expansion joints be designed to ensure that the design allowable stress values reflect the design pressure and mechanical loads, and were within the limits specified in the ASME Code. Shutdown service water piping (SX) and expansion joints connected to the Division I and II emergency diesel generators (DG) were ASME Code class 3. The original design stress analysis assumed that tie rods were installed on these SX expansion joints.

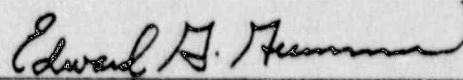
Contrary to the above, from September 29, 1986, through May 8, 1990, all eight of the expansion joints connecting the SX piping to the Division I and II DGs were installed without tie rods. This resulted in the installed configuration of this piping exceeding the calculated Code allowable stress values.

This is a Severity Level IV violation (Supplement I). (461/90012-01(DRP))

With respect to Item 2, the inspection showed that action had been taken to correct the identified violation and to prevent recurrence. Consequently, no reply to the violation is required and we have no further questions regarding this matter. With respect to Item 1, pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including for each violation: (1) corrective action taken and the results achieved; (2) corrective action to be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

SEP 14 1990

Dated



Edward G. Greenman, Director
Division of Reactor Projects