

NOTICE OF VIOLATION

Iowa Electric Light and Power Company  
Duane Arnold Energy Center

Docket No. 50-331  
License No. DPR-49

As a result of the inspection conducted on October 17, 1988 through January 17, 1989, and in accordance with 10 CFR Part 2, Appendix C - General Statement of Policy and Procedure for NRC Enforcement Actions (1988), the following violation was identified:

10 CFR 50.59(a)(2) states: A proposed change, test, or experiment shall be deemed to involve an unreviewed safety question (i) if the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety previously evaluated in the safety analysis report may be increased; or (ii) if a possibility for an accident or malfunction of a different type than any evaluated previously in the safety analysis report may be created; or (iii) if the margin of safety as defined in the basis for any technical specification is reduced. 10 CFR 50.59(b)(1) states, in part, that the licensee shall maintain records of changes in the facility . . . and that these records must include a safety evaluation which provides the bases for the determination that the change does not involve an unreviewed safety question.

Contrary to the above, the Safety Evaluation for Design Change Notice No. 1422 approved for installation on June 22, 1988, did not provide the bases for the determination that the change did not involve an unreviewed safety question due to its failure to consider the effect of feedwater temperature on the soft seat material, and of localized leaching of halogens and sulfur from the soft seat on the stainless steel retaining ring and screws. The modified Safety Evaluation approved on November 25, 1988, also failed to address the issue of feedwater temperature above 423°F.

This is a Severity Level IV violation (Supplement I).

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) the corrective actions that have been taken and the results achieved; (2) the corrective actions that will 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.

1/26/89  
Dated

G. C. Wright, Jr.  
G. C. Wright, Chief  
Operations Branch

8901310198 890126  
PDR ADOCK 05000331  
Q PNU