

ATTACHMENT I

Docket No. 50-247

Consolidated Edison Co. of N.Y., Inc.

LER-78-010/01T-0

Indian Point Unit No. 2

On March 23, 1978, we were advised by Westinghouse Electric Corp. that they had identified a generic error in their NRC approved Emergency Core Cooling System (ECCS) analysis model for compliance with the Final Acceptance Criteria (FAC) of Appendix K to 10 CFR Part 50. Westinghouse determined that the ECCS calculational code does not fully account for the heating effect of Zircaloy/water reaction following a postulated loss-of-coolant accident (LOCA). The correction for this code deficiency yields higher calculated peak clad temperatures (PCT) for all Westinghouse plants. This event is of the type described in Technical Specification 6.9.1.7.1(h).

At the present time, discussions between Westinghouse and the Regulatory Staff have indicated that a reduction in the maximum peaking factor (F_0) would adequately offset the generic deficiency on a temporary basis until selected re-analyses could be performed. Prior to returning the unit to service, an appropriate reduction in F_0 and/or re-analyses applicable to Indian Point Unit No. 2 will assure that the calculated PCT remains below the 10 CFR Part 50, Appendix K, acceptance criterion of 2200° F.

An update licensee event report will be provided when the final corrective action has been established.