



# THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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ANSWERBACK: CEI PRYO

Al Kaplan

VICE PRESIDENT  
NUCLEAR GROUP

*Serving The Best Location in the Nation*  
PERRY NUCLEAR POWER PLANT

October 23, 1989  
PY-CEI/NRR-1075 L

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

Perry Nuclear Power Plant  
Docket No. 50-440  
Generic Letter 88-20, Supplement 1  
Individual Plant Examination

Gentlemen:

By Generic Letter No. 88-20, Supplement No. 1, dated August 29, 1989 the NRC staff announced the availability of NUREG-1335 and the start of the Individual Plant Examination (IPE) process. That letter requested that licensees provide their IPE method and schedule, including the schedule for submittal of final results to the NRC within 60 days of the Federal Register Notice on IPE, dated September 1, 1989 (FR36402).

Consistent with the goals of the IPE process, The Cleveland Electric Illuminating Company (CEI) will maintain substantial involvement in the conduct of the Perry IPE. However, typical of many utilities, plant specific experience in probabilistic risk assessment (PRA) techniques is limited. To ensure proper implementation of the IPE, a combined team of utility and consultant personnel will be used. The proposed team will optimize CEI plant knowledge and consultant PRA experience. In keeping with this philosophy, it is expected that utility personnel will provide substantial "hands-on" effort. Consultant expertise will be used to direct and supplement this effort.

The performance of the Perry IPE will be divided into two major subtasks, as defined in Generic Letter No. 88-20. The "front end" analysis will utilize an approach typical of a Level I PRA, with a level of detail consistent with NUREG/CR-4550, "Analysis of Core Damage Frequency from Internal Events," although specific PRA methodology may vary depending on the consultant utilized. The Industry Degraded Core Rulemaking (IDCOR) Individual Plant Examination Methodology (IPEM) will not be used. The "back end" analysis, which is the second of the two major subtasks, will follow the guidelines of Generic Letter No. 88-20 and NUREG-1335.

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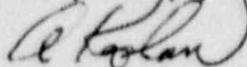
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The detailed Perry IPE project schedule has not been finalized. A consultant bid inquiry was issued September 6, 1989, immediately following final issuance of NUREG-1335. Bid evaluation is in process and award of the IPE contract is scheduled for November 24, 1989. The Perry IPE project is scheduled to start on January 15, 1990 and scheduled to be complete (including final IPE submittal) by July 15, 1992. Detailed project milestones will be established after award of the IPE contract and a project plan is finalized with the IPE consultant.

The Cleveland Electric Illuminating Company is aware of the importance of this project. Project goals, as stated in the Generic Letter, have been incorporated into our project definition and will continue to guide the effort. Additionally, as outlined in SECY-88-147, we understand that the IPE will play a role in the resolution of other severe accident issues.

CEI is confident that the defined project approach is consistent with the Generic Letter requirements. However, if there are any questions, or if there is a need for further detail, please feel free to call.

Very truly yours,



Al Kaplan  
Vice President  
Nuclear Group

AK:njc

cc: T. Colburn  
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USNRC, Region III