

October 2, 1997

Ms. Irene Johnson, Acting Manager
Nuclear Regulatory Services
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: DRESDEN, UNITS 2 AND 3, MODIFIED AND UPDATED INDIVIDUAL PLANT
EXAMINATION (IPE) SUBMITTAL - INTERNAL EVENTS (TAC NOS. M96178
AND M96179)

Dear Ms. Johnson:

On November 9, 1995, the NRC issued a staff evaluation regarding the Dresden Nuclear Power Station IPE report submitted on January 28, 1993. The IPE was submitted in response to Generic Letter (GL) 88-20 and associated supplements. In the letter and associated evaluation, the staff indicated that, based on its review, it was unable to conclude that the Dresden IPE submittal and associated documentation met the intent of GL 88-20. In response to the staff letter, Commonwealth Edison Company (ComEd, the licensee), by letter dated June 28, 1996, submitted a modified Dresden IPE to address the concerns raised by the staff.

In the modified IPE, the licensee estimated a core damage frequency (CDF) for Unit 2 of approximately 3E-6/reactor-year from internally initiated events and internal floods. For Unit 3, the estimated CDF for internal initiated events and internal floods is estimated to be 5E-6/reactor-year.

The licensee made several revisions in its IPE analysis addressing the concerns raised by the NRC staff. In addition, the licensee made hardware and procedural improvements during the revisions of the IPE to further reduce the CDF for Dresden, Units 2 and 3.

Based on the enclosed evaluation of the Dresden Modified IPE, the NRC staff concludes that the Dresden IPE meets the intent of GL 88-20.

Sincerely,

ORIGINAL SIGNED BY:

John F. Stang, Senior Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-237 and 50-249

Enclosure: Staff Evaluation

cc w/encl: see next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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Commonwealth Edison Company
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Sincerely,

A handwritten signature in black ink, appearing to read "John F. Stang".

John F. Stang, Senior Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

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I. Johnson
Commonwealth Edison Company

Dresden Nuclear Power Station
Unit Nos. 2 and 3

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