



50-237/249

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

September 26, 1997

LICENSEE: COMMONWEALTH EDISON COMPANY

FACILITIES: DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3

SUBJECT: SUMMARY OF MEETING TO DISCUSS A PROPOSED LICENSE AMENDMENT CONCERNING THE FINAL RESOLUTION OF CONTAINMENT OVERPRESSURE TO COMPENSATE FOR INADEQUATE NET POSITIVE SUCTION HEAD FOR THE EMERGENCY CORE COOLING SYSTEM PUMPS

On March 13, 1997, a public meeting was held between the NRC staff and Commonwealth Edison Company (ComEd or the licensee). The meeting was a followup meeting to one held on March 4, 1997, to discuss a license amendment submitted by the licensee concerning the use of containment overpressure to compensate for a deficiency in net positive suction head (NPSH) for the emergency core cooling system (ECCS) pumps. A list of attendees is attached as Enclosure 1. The licensee's consultant, General Electric, was in attendance by telephone.

On February 17, 1997, the licensee submitted a license amendment for review and approval. The license amendment evaluated an unreviewed safety question (USQ) associated with the use of containment pressure to compensate for a deficiency in NPSH for the ECCS pumps following a design basis accident (DBA). During the meeting the licensee made a presentation to the staff, of the specific details of the codes, models and types of analysis used in the license amendment to justify the resolution of the USQ. Enclosure 2 is a copy of the licensee's handouts used during the presentation.

Following the licensee's presentation a question and answer period was held. The staff asked questions regarding the use of models and analysis that had not previously been reviewed and approved by the NRC staff. The staff informed the licensee that if non-approved analysis and codes were going to be used to justify the USQ, then additional bench marking of the codes and analyses would have to be done. The licensee indicated that they would provide additional information concerning the use of all codes and analyses used in the justification of the USQ in a future submittal.

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By letters dated February 27, March 12, March 26, April 2 and April 10, 1997, the licensee provided additional information at the staff's request to better clarify the licensee's February 17, 1997, license amendment. On April 30, 1997, the staff issued a licensee amendment allowing Dresden, Units 2 and 3, to use containment pressure to compensate for inadequate NPSH for the ECCS pumps following a DBA.

~~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

Enclosures: 1. List of Meeting Attendees
2. Licensee's Handout

cc w/encls: See next page

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E. Adensam, EGA1
C. Moore, ACM
G. Tracy, GMT
K. Kavanaugh
G. Hammer

R. Zimmerman, RPZ
R. Capra, RAC1
T. Martin, SLM3
D. Terao
J. Dawson
J. Kudrick

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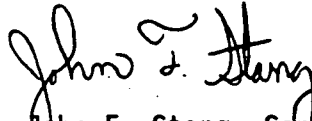
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Division of Reactor Projects - III/IV
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Dresden Nuclear Power Station
Unit Nos. 2 and 3

cc:

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Regional Administrator
U.S. NRC, Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

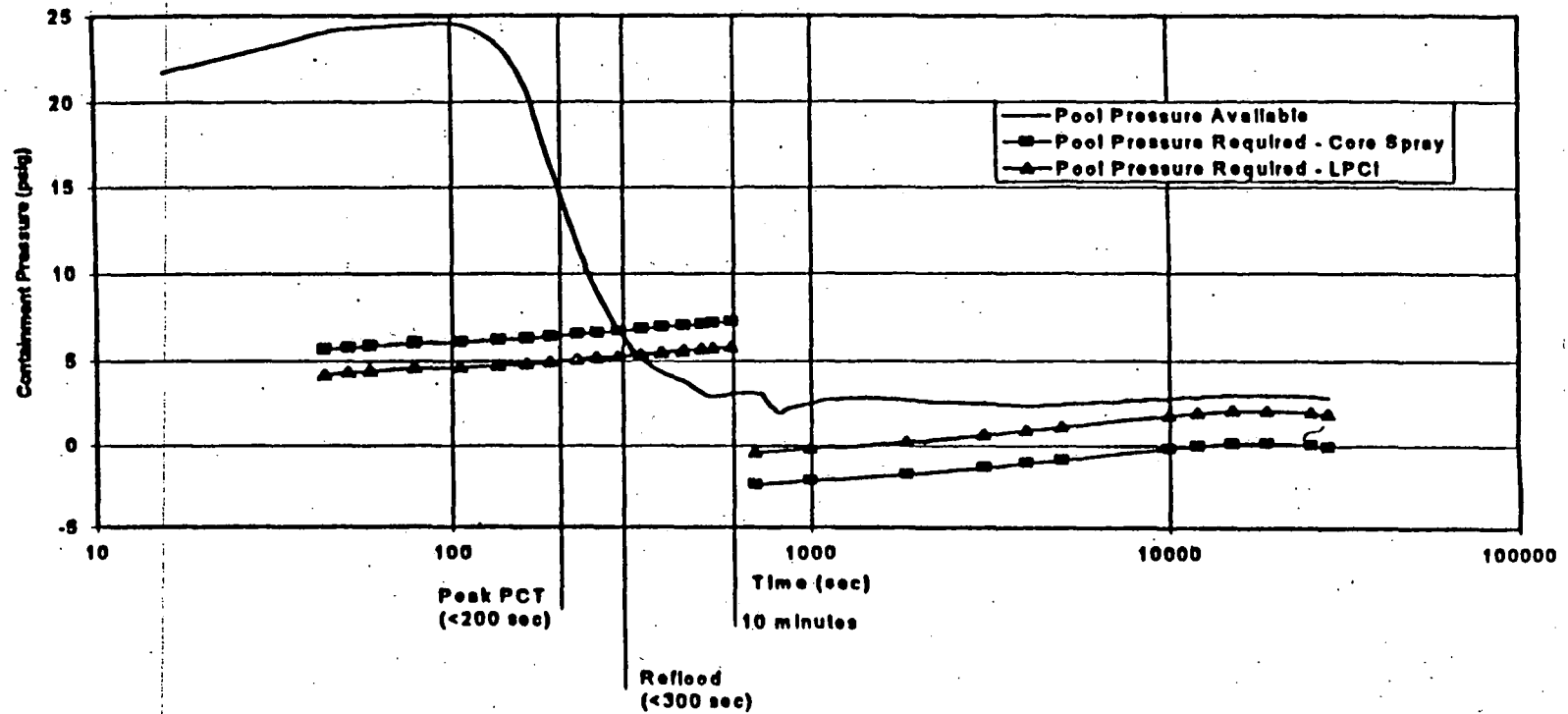
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Morris, Illinois 60450

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Commonwealth Edison Company
1400 Opus Place, Suite 400
Downers Grove, Illinois 60515

MEETING ATTENDEES
MEETING HELD ON MARCH 13, 1997

| <u>NAME</u> | <u>COMPANY</u> | <u>TELEPHONE NO.</u> |
|-------------------|-----------------------|----------------------|
| John Stang | NRC | 301/415-1345 |
| David Terao | NRC/EMEB | 301/415-3317 |
| Kerri Kavanagh | NRC/SRXB | 301/415-3743 |
| Jack Dawson | NRC/SLSB | 301/415-3138 |
| Gary Hammer | NRC/EMEB | 301/415-2791 |
| Bob Rybak | ComEd | 630/663-7292 |
| Frank Spangenberg | ComEd | 815/942-2920 X 3800 |
| Linda Weir | ComEd | 815/942-2920 X 3109 |
| Kevin Ransden | ComEd | 630/663-3017 |
| Bill Houston | Sequoia Consult Group | 904/461-8774 |
| Carl Fago | Yankee Atomic Elec. | 508/568-2318 |
| Greg Tice | ComEd | 309/654-2241 X 3186 |
| J. Kudrick | NRC | 301/415-2871 |
| George Stramback | GENE | 408/925-1913 |
| Saul Minz | GENE | 408/925-1913 |
| Gary Sozzi | GENE | 408/925-1913 |
| Dan Pappone | GENE | 408/925-1913 |

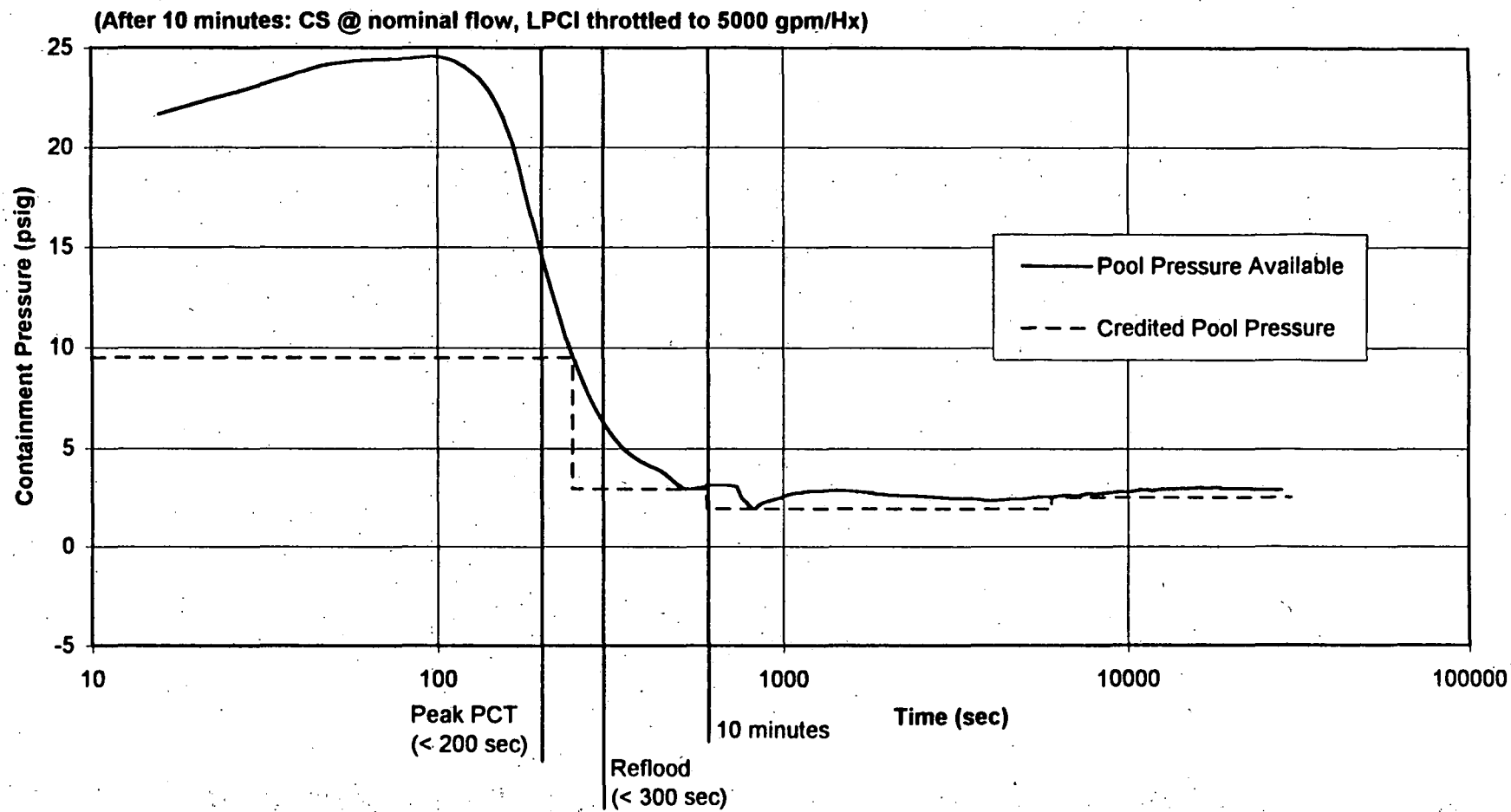
Minimum Required Containment Pressure—for NPSH Considerations Only
(After 10 minutes: CS @ nominal flow, LPCI throttled to 5000 gpm/Hx)



DRESDEN STATION
UNITS 2 & 3

MINIMUM CONTAINMENT PRESSURE AVAILABLE AND
CONTAINMENT PRESSURE REQUIRED FOR PUMP NPSH

FIGURE 4.2.16
(Figure 6.3-80 of Proposed UFSAR Change)



DRESDEN STATION
UNITS 2 & 3

MINIMUM CONTAINMENT PRESSURE AVAILABLE AND
CREDITED CONTAINMENT PRESSURE FOR PUMP NPSH

FIGURE 1