

February 18, 2004

MEMORANDUM TO: Cornelius Holden, Project Director
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: John P. Boska, Senior Project Manager, Section 2 /RA/
Project Directorate I
Division of Licensing Project Management

SUBJECT: FORTHCOMING MEETING WITH LICENSEES AND INDUSTRY
REPRESENTATIVES REGARDING GRID RELIABILITY

DATE & TIME: Thursday, March 4, 2004
10:00 a.m. - 4:00 p.m.

LOCATION: DoubleTree Hotel, Regency Room
1750 Rockville Pike
Rockville, Maryland 20852

PURPOSE: To have licensees and industry representatives provide information as to what effect recent concerns with grid reliability have had on the operation of nuclear power plants, especially those plants affected by the August 14, 2003 Northeast power outage.

CATEGORY 2: * This is a Category 2 Meeting. The public is invited to participate in this meeting by discussing regulatory issues with the Nuclear Regulatory Commission (NRC) at designated points on the agenda.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR).

NRC
C. Holden, NRR
J. Calvo, NRR

INDUSTRY
Nuclear Energy Institute
Licensees

Attachment: Agenda

cc w/att: See next page

MEETING CONTACTS: John Boska, NRR
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* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings" (67 FR 36920), May 28, 2002

AGENDA
Grid Reliability Meeting
March 4, 2004

A. Introduction and Purpose

B. Topics for Discussion:

- 1) Loss of offsite power (LOOP) represents a significant area of risk for nuclear power plants. Discuss the frequency of LOOP events, and how this compares to the values assumed in the Station Blackout (SBO) analysis. Is there a correlation with LOOPs and a time of the year (e.g., summer)?
- 2) One of the critical factors for recovery from station blackout is the time to restore offsite power. Discuss how the actual time to restore offsite power to the safety buses for actual LOOP events compares with that assumed in the SBO analysis.
- 3) Discuss how the current emergency diesel generator (EDG) reliability on demand and EDG unavailability statistics compare to the values assumed in the SBO analysis.
- 4) What compensatory actions, with respect to grid condition and switchyard work, do plants have in place during times of EDG maintenance or on-line EDG testing? Are any restrictions placed on EDG maintenance or on-line EDG testing with regard to the season or condition of the grid when these are performed?
- 5) What communication protocols exist between the nuclear power plants (NPPs) and the transmission system operators? Are they enforced by contract? Do they include notification when a trip of the NPP would result in inadequate post-trip switchyard voltages? Are NPPs notified when the NPP post-trip switchyard voltages would be inadequate?
- 6) Are plant and/or nearby transmission voltage regulating equipment (e.g., automatic load tap changing equipment for transformers, capacitor banks or other reactive power compensating equipment) monitored and included in determinations of offsite power operability required by the plant Technical Specifications?

C. NRC Responds to Questions From the Public

D. Conclusion and Closing Remarks

If additional background information related to these topics is desired, please contact Thomas Koshy at 301-415-1176.

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