

November 10, 2004

MEMORANDUM TO: José A. Calvo, Chief  
Electrical & Instrumentation and Controls Branch  
Division of Engineering

FROM: John G. Lamb, Senior Project Manager ( /RA by **JGLamb** )  
Electrical & Instrumentation and Controls Branch  
Division of Engineering

SUBJECT: CLOSEOUT OF ISSUES 12 AND 21 RELATED TO THE MIDWEST  
INDEPENDENT SYSTEM OPERATOR (MISO) REGARDING THE  
ACTION PLAN FOR RESOLVING ELECTRICAL GRID CONCERNS  
(TAC MC3380)

The purpose of this memorandum is to document the closeout of Issues 12 and 21 related to the Midwest Independent System Operator (MISO) regarding the action plan for resolving electrical grid concerns.

The staff identified 48 grid-related issues from a variety of internal and external sources. The 48 issues are listed in ADAMS Accession No. ML042090490. The issues concerned the power outage event on August 14, 2003, as well as related events. The staff performed both a deterministic and risk assessments of the subject grid issues in order to properly characterize their safety significance and priority for staff action.

The following is a description of Issues 12 and 21:

Issue 12        MISO did not notify other reliability coordinators of potential problems.

Issue 21        MISO did not have adequate monitoring capability.

Issue 12 was placed in the Offsite Power System Availability topical area in the Communication sub-topic group. Issue 21 was placed in the Situational Awareness topical area. The staff recognized that Issues 12 and 21 were outside the jurisdiction of the Nuclear Regulatory Commission (NRC) regulations. Issues 12 and 21 fall within the North American Electric Reliability Council's (NERC's) purview.

On July 12, 2004, NERC completed its "NERC Recommendation Verification Team Midwest ISO Report." The report is located at the NERC public website (<http://www.nerc.com>). Attached is a copy of the NERC report for your convenience.

Overall, the NRC staff reviewed "NERC Recommendation Verification Team Midwest ISO Report," and the report supports the NRC's efforts to ensure electrical grid reliability for safe nuclear power plant operation throughout the United States.

The "NERC Recommendation Verification Team Midwest ISO Report," dated July 12, 2004, by NERC closes out Issues 12 and 21.

Attachment: As stated

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