

September 24, 2007

MEMORANDUM TO: Luis A. Reyes
Executive Director for Operations

FROM: Stephen D. Dingbaum **/RA/**
Assistant Inspector General for Audits

SUBJECT: STATUS OF RECOMMENDATIONS: EVALUATION OF
THE NRC'S USE OF PROBABILISTIC RISK ASSESSMENT
IN REGULATING THE COMMERCIAL NUCLEAR POWER
INDUSTRY (OIG-06-A-24)

REFERENCE: DIRECTOR, OFFICE OF NUCLEAR REGULATORY
RESEARCH, MEMORANDUM DATED AUGUST 31, 2007

Attached is the Office of the Inspector General (OIG) analysis and status of the recommendations as discussed in the agency's response dated August 31, 2007. Based on these responses, recommendations 1 and 3 remain resolved and will be closed pending completion of the actions contained in the agency's responses and OIG's review of those actions. Recommendation 2 was previously resolved and closed. Please provide an updated status of recommendations 1 and 3 by February 1, 2008.

If you have questions or concerns, please call me at 415-5915 or Sherri Miotla at 415-5914.

Attachment: As stated

cc: V, Ordaz, OEDO
M. Malloy, OEDO
P. Tressler, OEDO

Audit Report

Evaluation of the NRC's Use of Probabilistic Risk Assessment in Regulating the Commercial Nuclear Power Industry OIG-06-A-24

Status of Recommendations

Recommendation 1: Develop and implement a formal, written process for maintaining PRA models that are sufficiently representative of the as-built, as-operated plant to support model uses.

Agency Response Dated
August 31, 2007: The staff is on schedule to provide a revision to the RASP Handbook by December 2007.

OIG Analysis: Recommendation 1 will be closed when NRC provides evidence that its revised RASP Handbook is issued and implemented.

Status: Resolved.

Audit Report

Evaluation of the NRC's Use of Probabilistic Risk Assessment in Regulating the Commercial Nuclear Power Industry OIG-06-A-24

Status of Recommendations

Recommendation 3: Conduct a full verification and validation of SAPHIRE Version 7.2 and GEM.

Agency Response Dated
August 31, 2007:

The development of SAPHIRE Version 8 is continuing. In our supplementary response dated April 25, 2007, we stated that the release was anticipated in CY 2009. Our current estimate calls for a general release of SAPHIRE Version 8 in July 2009.

OIG Analysis: Recommendation 3 will be closed when NRC releases Version 8.

Status: Resolved.