

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



October 18, 2017

MEMORANDUM TO: Dr. Brett M. Baker
Assistant Inspector General for Audits
Office of the Inspector General

FROM: Michael R. Johnson */RA/*
Deputy Executive Director for Reactor
and Preparedness Programs
Office of the Executive Director for Operations

SUBJECT: STAFF RESPONSE TO THE OFFICE OF INSPECTOR
GENERAL'S EVALUATION OF PROPOSED NRC
MODIFICATIONS TO THE PROBABILISTIC RISK ASSESSMENT
PROCESS (OIG-17-A-26)

The staff has received the Office of the Inspector General's (OIG's) report OIG-17-A-26, "Evaluation of Proposed NRC Modifications to the Probabilistic Risk Assessment Process," dated September 21, 2017 (Agencywide Documents Access and Management System Accession No. ML17264A298). In this report, OIG presents a recommendation to formally document evaluation results that will establish the agency position on the U.S. Nuclear Regulatory Commission's (NRC's) use of licensees' Probabilistic Risk Assessment (PRA) models, to include reliable, verifiable cost data. This memorandum provides the staff's response to the recommendation, planned actions, and target date for completion. The NRC staff appreciates the OIG's evaluation of the proposed NRC modifications to the PRA process.

As described in the enclosure, the NRC staff agrees with the OIG recommendation and plans to formally document evaluation results that will establish the agency's position on the NRC's use of licensees' PRA models, to include reliable, verifiable cost data.

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Sunil Weerakkody, NRR/DRA
301-415-2870

B. Baker

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Enclosed, please find the NRC staff's response to the recommendation from the report. If you have any questions, please contact me at 301-415-1713.

Enclosure:
Response to OIG Recommendation
(OIG-17-A-26)

cc: Chairman Svinicki
Commissioner Baran
Commissioner Burns
SECY

SUBJECT: STAFF RESPONSE TO THE OFFICE OF INSPECTOR GENERAL'S
EVALUATION OF PROPOSED NRC MODIFICATIONS TO THE PROBABILISTIC
RISK ASSESSMENT PROCESS (OIG-17-A-26) DATED: October 18, 2017

DISTRIBUTION: OEDO-17-00612

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ADAMS Accession No.: ML17272A099**Package: ML17264B166*****via email****EDO-002**

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DATE	10/ 10 /2017	10/ 18 /2017				

**STAFF RESPONSE TO THE OFFICE OF THE INSPECTOR GENERAL'S
EVALUATION OF PROPOSED NRC MODIFICATIONS TO THE
PROBABILISTIC RISK ASSESSMENT PROCESS (OIG-17-A-26)**

In the Office of the Inspector General's (OIG's) report OIG-17-A-26, "Evaluation of Proposed NRC Modifications to the Probabilistic Risk Assessment Process," OIG provided a recommendation to the U.S. Nuclear Regulatory Commission's (NRC's) staff to formally document evaluation results that will establish the agency's position on the NRC's use of licensees' Probabilistic Risk Assessment (PRA) models, to include reliable verifiable cost data. Below is OIG's recommendation followed by the NRC staff's response, including the target completion date.

Recommendation:

Formally document evaluation results that will establish the agency position on NRC's use of licensee PRA models, to include reliable, verifiable cost data.

NRC Staff Response

The staff agrees with the recommendation.

The staff will formally document the evaluation process, and the results, which will clearly state the NRC staff's position on the use of licensee PRA models. The formal documentation will also include reliable, verifiable cost data that was developed as part of the evaluation.

Target date for completion: March 1, 2018.

Contact: Sunil Weerakkody, NRR/DRA
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Enclosure