

May 20, 2011

MEMORANDUM TO: Richard Correia, Director  
Division of Risk Analysis  
Office of Nuclear Regulatory Research

FROM: Daniel W. Hudson, Technical Assistant */RA/*  
Division of Risk Analysis  
Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF PUBLIC MEETING TO DISCUSS OPTIONS FOR  
PROCEEDING WITH FUTURE LEVEL 3 PROBABILISTIC RISK  
ASSESSMENT ACTIVITIES

On April 11, 2011, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting to discuss options for proceeding with future Level 3 probabilistic risk assessment (PRA) activities. An audio teleconference line was available for remote participation in the meeting. Enclosure 1 lists the meeting participants, including those that participated by teleconference.

A public meeting notice (ML11090A063) was issued on April 1, 2011, and was posted to the NRC's external public meeting schedule website. The notice included a draft meeting agenda (ML11090A081). A copy of both the draft meeting agenda and NRC Form 659, "NRC Public Meeting Feedback," were provided with the handout materials at the meeting.

The purpose of this meeting was to obtain external stakeholder views on options for proceeding with future Level 3 PRA activities, as directed by the Commission in staff requirements memorandum (SRM) M100218 (ML100780578). The expected outcomes for this meeting included:

1. External stakeholders understand the basis for options for proceeding with future Level 3 PRAs that were developed by the NRC staff in response to Commission tasking in SRM M100218.
2. The NRC staff understands external stakeholder views on options for proceeding with future Level 3 PRAs. More specifically, the NRC staff understands external stakeholder views on the following subjects:
  - a. Perspectives on future uses for Level 3 PRAs; and
  - b. Objectives, scope, technology, and site selection attributes that should be considered for a proposed site Level 3 PRA.

CONTACT: Daniel Hudson, RES/DRA  
301-251-7919

Dan Hudson, the NRC project manager for the Level 3 PRA scoping study, began the meeting with introductory remarks and a presentation on the NRC staff's approach to developing various options for proceeding with future Level 3 PRA activities. The meeting presentation slides are publicly available in the Agencywide Documents Access and Management System at ML1102A051. Enclosure 2 is a copy of the presentation slides handout that was provided at the meeting.

The presentation was followed by two facilitated open discussion sessions. In the first session, meeting participants discussed perspectives on future uses for Level 3 PRAs. In the second session, meeting participants discussed potential objectives, scope, technology, and site selection attributes that should be considered for a proposed site Level 3 PRA.

In general, meeting participants supported the options developed by the NRC staff for proceeding with future Level 3 PRA activities. In particular, meeting participants supported a recommendation to proceed with a new comprehensive site Level 3 PRA, but expressed some concern about the potential scope, cost, and schedule of such a study. Some participants offered comments related to specific aspects of technical elements of a Level 3 PRA that the NRC should consider if a new comprehensive site Level 3 PRA is planned.

The NRC staff will summarize and consider the substantive comments provided by meeting participants as it prepares a notation vote paper that will provide the Commission with various options for proceeding with future Level 3 PRA activities which will include costs and perspectives on future uses for Level 3 PRAs. This paper is due to the Commission by July 7, 2011. The staff anticipates that it will be made publicly available.

Enclosures:

1. List of Meeting Participants
2. Copy of Meeting Presentation Slides Handout

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