

June 7, 2012

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

FROM: Kevin Coyne, Chief */RA/*  
Probabilistic Risk Assessment Branch  
Division of Risk Analysis  
Office of Nuclear Regulatory Research

SUBJECT: PLAN FOR THE DEVELOPMENT OF A PRA METHODOLOGY  
FOR SEISMICALLY INDUCED FIRES AND FLOODS

The purpose of this memorandum is to provide you the plan to develop a Probabilistic Risk Assessment (PRA) methodology for seismically induced fires and floods as described in SECY 12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami." The staff plans to dedicate limited resources to this PRA method development activity at a level consistent with the planned activities for the Fukushima Near Term Task Force (NTTF) Recommendation 3, and at a level of effort that will advance our state of knowledge in this area but will not preclude accomplishment of other high-priority work in the fire and external hazard area.

The staff plans to focus method development activities in (a) coordination with standards development organization and (b) perform a feasibility scoping study. The detailed plan for the activities is enclosed.

Enclosure:  
As stated

CONTACT: Selim Sancaktar, RES/DRA  
301-251-7572

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DATE	5/24/12	5/29/12	5/29/12	5/31/12	6/1/12

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