February 22, 2017

MEMORANDUM TO: Michael Mayfield, Deputy Director (Acting)
Office of New Reactors

Laura Dudes, Deputy Regional Administrator
For Construction

FROM: Vonna Ordaz, Director (Acting) **/RA/**
Office of New Reactors

Catherine Haney, Regional Administrator **/RA/**
Region II

SUBJECT: INSPECTIONS, TESTS, ANALYSES AND ACCEPTANCE CRITERIA DEMONSTRATION PROJECT

The NRC has established robust processes to assure that we can successfully meet our mission as it pertains to Inspections, Tests, Analyses and Acceptance Criteria (ITAAC) closure notification (ICN) reviews in advance of the 10 CFR 52.103(g) finding for the AP1000 units (i.e., the ITAAC surge). The purpose of this tasking memorandum is to coordinate the Office of New Reactors and Region II activities to develop and implement a comprehensive simulation/demonstration of our ITAAC inspection program and closure verification process to identify potential gaps or unanticipated challenges associated with this first of a kind activity. Key expected outcomes from this effort include: 1) recommendations on ITAAC process or organizational enhancements; 2) communication tools to assure that all stakeholders have a common understanding of the mechanics of the ITAAC process and the roles and responsibilities of the parties involved; and 3) a validation of resources needed to process an expected number of ICNs during the surge.

We are assigning you to lead this effort to conduct a full demonstration/simulation of the ITAAC inspection, review, and closure process. NRO project managers, representatives from Region II, and Division of Construction Inspection & Operational Programs staff have been identified to support this effort. For the period of time from submittal of the last ICN to fuel loading, the sequence of events (including roles and responsibilities) will be further defined as part of a separate effort, the transition to operations plan.

Near Term Deliverables (by March 30, 2017)

- Project Plan for Simulation Project.
- Communications Plan.

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Interim Deliverables (by April 27, 2017)

- Conduct internal simulation project including development of ICN timelines that account for uncertainties and overlap of activities.
- Conduct briefings on gaps or challenges identified as a result of internal simulation.
- Conduct public simulation to demonstrate process and NRC/licensees roles and responsibilities.

Final Report/Recommendations (by June 1, 2017)

The team will provide a final report to the Director of the Office of New Reactors and the Region II Regional Administrator that includes the following:

- Recommended process or organizational changes identified during the demonstration; and
- Communication strategies going forward.

INSPECTIONS, TESTS, ANALYSES AND ACCEPTANCE CRITERIA DEMONSTRATION PROJECT

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