

November 16, 2017

MEMORANDUM TO: Michael R. Johnson
Deputy Executive Director for Reactor
and Preparedness Programs
Office of the Executive Director for Operations

FROM: Vonna L. Ordaz, Acting Director **/RA/**
Office of New Reactors

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Region II

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Office of Nuclear Security and Incident Response

SUBJECT: IMPLEMENTATION PLAN TO ENSURE U.S. NUCLEAR
REGULATORY COMMISSION STAFF READINESS FOR AP1000
OPERATIONS

On September 9, 2014, the U.S. Nuclear Regulatory Commission (NRC) issued a report titled, "Assessment of the Staff's Readiness to Transition Regulatory Oversight and Licensing as New Reactors Proceed from Construction to Operation," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14031A386). This report identifies all regulatory functions necessary to support the transition of new reactors from construction to operation. The report includes 21 readiness issues (RIs) with 29 associated options and recommendations. The Office of New Reactors (NRO) developed the attached implementation plan in coordination with the Office of Nuclear Reactor Regulation (NRR), the Office of Nuclear Security and Incident Response (NSIR), and Region II. This implementation plan clarifies new reactor operational regulatory oversight and licensing responsibilities through the transfer from NRO to NRR. It is intended to be a living document and will be revised as new plans are developed and significant decisions are made while addressing the RIs identified in the report. Future versions of this plan may address items such as: further refinement of inspections, tests, analyses, and acceptance criteria closure processes and activities surrounding the Title 10 of the *Code of Federal Regulations* 52.103(g) finding, first plant only tests, design changes during construction, and other key issues impacting transition to operations. To date, 10 of the 29 recommendations are complete, and another 16 will achieve major milestones in fiscal year 2018.

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In November 2016, representative divisions in NRO, NRR, NSIR, and Region II concurred on a draft implementation plan (ADAMS Accession No. ML16070A178). The NRC made this draft publicly available in January 2017. In March 2017, the Nuclear Energy Institute (NEI) commented on sections related to the Reactor Oversight Process (ROP) for new reactors on behalf of the industry. NRR and NRO addressed NEI's comments and briefed the industry during the May 18, 2017, ROP public meeting.

Enclosure:

Implementation Plan to Ensure NRC Staff
Readiness for AP1000 Operations

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COMMISSION STAFF READINESS FOR AP1000 OPERATIONS
DATE: November 16, 2017

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ADAMS Accession Nos.: PKG: ML17215A436; LTR: ML17215B583 *via e-mail NRO-002

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