



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

January 25, 2017

MEMORANDUM TO: Christopher M. Regan, Chief
Reactor Inspection Branch
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

FROM: Benjamin A. Mabbott, Reactor Operations Engineer **/RA/**
Reactor Inspection Branch
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE JANUARY 18, 2017, PUBLIC MEETING
BETWEEN U.S. NUCLEAR REGULATORY COMMISSION
STAFF AND INDUSTRY STAKEHOLDERS TO DISCUSS
CHANGES TO NUMARC 93-01, INDUSTRY GUIDELINE FOR
MONITORING EFFECTIVENESS OF MAINTENANCE AT
NUCLEAR POWER PLANTS

On January 18, 2017, a Category 2 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and industry stakeholders, at One White Flint North, Commission Hearing Room. Enclosure 1 contains the meeting attendance list; Enclosure 2 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17025A081) contains an NRC presentation that was provided at the meeting. The purpose of the meeting was to discuss changes to Nuclear Utility Management and Resources Council (NUMARC) 93-01, "Industry Guideline for Monitoring the Effectiveness of Maintenance at Nuclear Power Plants," Revision 4A dated April 2011 (ML11116A198).

Opening remarks from the Deputy Director of the Division of Inspection and Regional Support from the Office of Nuclear Reactor Regulation provided an overview of the topics to be discussed. The emphasis of the meeting was to discuss the language proposed in email correspondence with Thomas Zachariah of the Nuclear Energy Institute on December 21, 2016, from NRC's Ami Patel (ML16356A105) regarding draft NUMARC 93-01, section 8.2.1.3 (June 7, 2016, ML16244A121). Specifically, application of the scoping requirement of 10CFR 50.65 paragraph (b) when diverse and flexible coping strategies (FLEX) and FLEX support guidelines (FSGs) are directed by emergency operating procedure (EOP).

The NRC followed the opening remarks with a presentation (Enclosure 2) on NRC staff's perspective of; the language proposed in the December 21, 2016, email correspondence, the timeline for endorsement of NUMARC 93-01 in Regulatory Guide (RG) 1.160, "Monitoring the

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Effectiveness of Maintenance at Nuclear Power Plants,” Revision 3 dated May 2012(ML113610098), and the interim actions. During the presentation, the NRC staff stressed that a detailed engineering basis would be required for the use of FSGs in other EOP functions besides extended loss of alternating current power (ELAP) which is outside the scope of the Order EA-12-049, “Order to Modify Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events,” March 12, 2012 (ML12054A736). The NRC provided a number of examples of how existing requirements would apply to the detailed engineering basis required for the use of FSGs in other EOP functions besides ELAP. NRC staff also stated that an internal communication to the regional offices will be provided by the Division of Inspection and Regional Support, providing interim guidance until such a time that RG 1.160 can endorse a revision to NUMARC 93-01.

Enclosure:

1. Attendance List: January 18, 2017
2. NRC presentation used during
January 18, 2017, public meeting

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REGULATORY COMMISSION STAFF AND INDUSTRY STAKEHOLDERS TO DISCUSS
CHANGES TO NUMARC 93-01, INDUSTRY GUIDELINE FOR MONITORING
EFFECTIVENESS OF MAINTENANCE AT NUCLEAR POWER PLANTS

Dated January 25, 2017

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ADAMS Accession No.:

ML17025A058 (Package)

ML16365A149 (Meeting Notice)

ML17025A066 (Memo)

ML17025A081 (PowerPoint)

OFFICE	NRR/DIRS	NRR/DIRS
NAME	BMabbott	CRegan
DATE	01/25/17	01/25/17

OFFICIAL RECORD COPY

ATTENDANCE LIST

**PUBLIC MEETING BETWEEN STAKEHOLDERS AND THE U.S. NUCLEAR REGULATORY
COMMISSION STAFF TO DISCUSS CHANGES TO NUMARC 93-01, INDUSTRY GUIDELINE
FOR MONITORING EFFECTIVENESS OF MAINTENANCE AT NUCLEAR POWER PLANTS
(CATEGORY 2)**

**January 18, 2017
12:00 p.m. - 3:00 p.m.**

ONE WHITE FLINT NORTH, COMMISSION HEARING ROOM

NAME	ORGANIZATION
Ami Patel	NRC/NRR/DIRS
Michael King	NRC/NRR/DIRS
Benjamin Mabbott	NRC/NRR/DIRS
Matthew Humberstone	NRC/NRR/DRA
Michael Montecalvo	NRC/NRR/DRA
Larry Wheeler	NRC/NRR/DSS
Tony Brown	NRC/NRR/JLD
Michael Tschiltz	NEI
Thomas Zachariah	NEI
Roy Linthicum	Exelon
Owen Scott	Southern Nuclear Co.
Faramarz Pournia	Southern Nuclear Co.