



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

CONTACT: Benjamin A. Mabbott  
301-415-2346

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

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

Dated January 25, 2017

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APatel

BMabbott

**ADAMS Accession No.:**

ML17025A058 (Package)

ML16365A149 (Meeting Notice)

ML17025A066 (Memo)

ML17025A081 (PowerPoint)

<b>OFFICE</b>	NRR/DIRS	NRR/DIRS
<b>NAME</b>	BMabbott	CRegan
<b>DATE</b>	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**

<b>NAME</b>	<b>ORGANIZATION</b>
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.