



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

April 14, 2017

MEMORANDUM TO: William M. Dean, Director
Office of Nuclear Reactor Regulation

Michael F. Weber, Director
Office of Nuclear Regulatory Research

Vonna L. Ordaz, Acting Director
Office of New Reactors

Marc L. Dapas, Director
Office of Nuclear Material Safety and Safeguards

Brian E. Holian, Director
Office of Nuclear Security and Incident Response

FROM: John W. Lubinski, Director */RA/*
Division of Engineering
Office of Nuclear Reactor Regulation

SUBJECT: INTEGRATED ACTION PLAN TO MODERNIZE DIGITAL
INSTRUMENTATION AND CONTROLS REGULATORY
INFRASTRUCTURE, REVISION 1 (CAC NO. MF8115)

Enclosed for information and use is Revision 1 to the integrated action plan (IAP), to modernize the U.S. Nuclear Regulatory Commission's (NRC's) digital instrumentation and control regulatory infrastructure. This is the first revision to the IAP since being approved for implementation by the Commission per the Staff Requirements Memorandum (SRM) for SECY-16-0070, "Integrated Strategy to Modernize the Nuclear Regulatory Commission's Digital Instrumentation and Control Regulatory Infrastructure," dated October 25, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16299A157). The IAP will continue to be reviewed and updated at least semi-annually with approval of the steering committee to indicate progress made within each activity and identify, plan, and prioritize future activities.

The IAP builds upon ongoing regulatory activities, stakeholder feedback on the current IAP, specific Commission direction in SRM-SECY-16-0070 and SRM-SECY-15-0106, "Proposed Rule: Incorporation by Reference of Institute of Electrical and Electronics Engineers

CONTACT: Jason J. Drake, NRR/DPR
301-415-8378

Standard 603-2009, IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations,” dated February 25, 2016 (ADAMS Accession No. ML16056A614), as well as evaluation of comments received through internal and external stakeholder interactions. The IAP is a living document, therefore, your input will be taken into consideration as the IAP is revised in the future. At appropriate stages, the NRC staff will continue to engage the industry in demonstration activities, tabletops, etc. to test planned processes, guidance, etc. before they are finalized for implementation.

Project No. 689

Enclosure:
Integrated Action Plan

SUBJECT: INTEGRATED ACTION PLAN TO MODERNIZE DIGITAL INSTRUMENTATION
AND CONTROLS REGULATORY INFRASTRUCTURE, REVISION 1
(CAC NO. MF8115) DATED: April 14, 2017

DISTRIBUTION:

PUBLIC	RidsNrrDirs	IJung, RES	MKing, DIRS
RidsACRS_MailCTR	RidsNroDeia	DCurtis, NRO	JLubinski, NRR
RidsNrrOd	RidsResDe	LLund, NRR	JAndersen, NSIR
RidsNroOd	RidsNrrDprPlpb	CErlanger, NMSS	RCaldwell, NRO
RidsResOd	RidsNsirOd	KHsueh, NRR	BThomas, RES
RidsNmssOd	RidsNrrDpr	MWaters, NRR	GBowman, NRR
RidsNrrDe	RidsOgcMailCenter	RidsNrrLADHarrison	PLPB R/F

EXTERNAL DISTRIBUTION:vxf@nei.orgseg@nei.orgsir@nei.org

ADAMS Accession Nos.: Package: ML17102B296; Memo: ML17102B297; Encl.: ML17102B307;
***concurring via email**

OFFICE	NRR/DPR/PLPB/PM*	NRR/DPR/PLPB/LA*	NRR/DE/EICB/BC*	NRO/DEIA/ICE/BC*
NAME	JDrake	DHarrison	MWaters	DCurtis
DATE	4/13/17	4/13/17	4/13/17	4/13/17
OFFICE	RES/DE/ICEEB/BC*	NRR/DPR/PLPB/BC*	NRR/DPR/D	NMSS/FCSE/D
NAME	IJung	KHsueh	LLund (GBowman for)	CErlanger*
DATE	4/13/17	4/13/17	4/14/17	4/14/17
OFFICE	NSIR/CSD/D*	NRR/DIRS/DD*	RES/DE/D	NRO/DEIA/DD
NAME	JAndersen	MKing	BThomas	RCaldwell
DATE	4/14/17	4/14/17	4/17/17	4/17/17
OFFICE	NRR/DE/D			
NAME	JLubinski			
DATE	4/14/17			

OFFICIAL RECORD COPY