

June 29, 2016

MEMORANDUM TO: Victor M. McCree  
Executive Director for Operations

THRU: Jennifer L. Uhle, Director  
Office of New Reactors

William M. Dean, Director  
Office of Nuclear Reactor Regulation

Michael F. Weber, Director  
Office of Nuclear Regulatory Research

Scott W. Moore, Acting 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  
Digital Instrumentation and Controls Steering Committee Chair

SUBJECT: DIGITAL INSTRUMENTATION AND CONTROL STEERING  
COMMITTEE CHARTER

In response to staff requirements memorandum to SECY-15-0106 the staff has established a senior management steering committee to oversee resolution of digital instrumentation and control challenges. The enclosed charter outlines the goal and objectives of the Digital I & C Steering Committee. The Office of General Counsel will serve in an advisory capacity to provide assistance to the steering committee.

Enclosure:  
Digital I&C Steering Committee Charter

CONTACT: Todd Keene, NRR/DPR  
(301) 415-1994

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DATE	04/29/2016	05/26/2016	06/21/2016	06/17/2016	06/28/2016	6/29/2016	

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Memo to Victor M. McCree from John W. Lubinski, Dated June 29, 2016

SUBJECT: Digital Instrumentation and Control Steering  
Committee Charter

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## **CHARTER**

### **STEERING COMMITTEE FOR MODERNIZATION OF DIGITAL INSTRUMENTATION AND CONTROL REGULATORY INFRASTRUCTURE**

#### **Introduction**

The Nuclear Regulatory Commission (NRC) has formed a Digital Instrumentation and Controls (I&C) Steering Committee to provide oversight of the formulation of a strategy to modernize the NRC's digital I&C regulatory infrastructure and the development and execution of an integrated Digital I&C Action Plan to facilitate implementation of the strategy.

#### **Goal**

Formulate a strategy to modernize the NRC's digital I&C regulatory infrastructure to enhance NRC's capability to determine whether there is reasonable assurance of safety and security in digital I&C systems for nuclear power plants in a manner that is timely, efficient and effective and provides a consistent and predictable regulatory process for staff and stakeholders.

#### **Objective**

Detailed objectives to enable achievement of the goal are as follows:

- Provide oversight to the staff that is implementing SRM-SECY-15-0106.
- Ensure the objectives of SRM-SECY-15-0106 are met.
- Ensure the Digital I&C Action Plan is adequate and complete to enable the agency to modernize its digital I&C regulatory infrastructure.
- Facilitate resolution of issues identified during execution of the Digital I&C Action Plan.
- Ensure effective communication throughout the agency and with external stakeholders.
- Ensure effective interactions and engagement with stakeholders.
- Serve as the primary point-of-contact for the industry steering committee and associated industry working groups.
- Ensure adequate resources are available for execution of the Digital I&C Action Plan.

#### **Responsibilities**

- Approve the Digital I&C Action Plan and its subsequent updates.
- Ensure prioritization of Digital I&C activities is consistent with the NRC mission, evolving agency's goals, and Commission direction.
- Interface with senior industry managers on plans for resolution of digital I&C issues.
- Oversee and facilitate resolution of technical and regulatory issues related to the deployment of digital I&C.
- Provide guidance to the respective working groups responsible for resolving technical and regulatory issues in the Digital I&C Action Plan.

Enclosure

- Provide guidance on staff implementation of Commission direction in the digital I&C arena.
- Ensure effective interoffice coordination on digital I&C issues and interface with senior NRC managers as needed.

### **Organization**

The Steering Committee will consist of the following members:

Chairman	Director, Division of Engineering, NRR
Members	Director, Division of Engineering, Infrastructure and Advanced Reactors, NRO Director, Division of Engineering, RES Director, Cyber Security Directorate, NSIR (ad hoc) Director, Fuel Cycle Safety, Safeguards and Environmental Review, NMSS (ad hoc)
Support Team	Digital I&C Action Plan Project Manager, NRR Rulemaking Project Manager, NRR

The Steering Committee will be supported by managers and staff in the offices with expertise and shared responsibility in the field of digital I&C. The managers in the line organizations are responsible to brief their respective Steering Committee member to allow for appropriate Steering Committee interaction with the staff's efforts to execute the Digital I&C Action Plan. The Steering Committee may also request additional staff members to provide guidance and technical direction to the individual working groups on topics requiring resolution.

The Steering Committee shall convene formally at least once a month and more frequently as needed. The Steering Committee Chairman will periodically brief the Office Directors of the participating offices on the status of the Digital I&C Action Plan, digital I&C issues and potential policy issues or other matters that may warrant senior management or Commission specific attention.

The Steering Committee will periodically assess the status of the Digital I&C Action Plan and the progress made on meeting the overall objectives of the Steering Committee. Specific attention will be placed on the modernization of the NRC's digital I&C regulatory infrastructure. In doing so, the Steering Committee will communicate with the Office Directors on the timing to sunset the Steering Committee to have the line organizations manage the continued implementation of the Digital I&C Action Plan.