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MEMORANDUM TO: Eric J. Benner, Division Director
Division of Engineering
and External Hazards
Office of Nuclear Reactor Regulation

THRU: Louise Lund, Division Director */RA/*
Division of Engineering
Office of Nuclear Regulatory Research

FROM: Integrated Action Plan Modernization Plan #4B Working Group

SUBJECT: FINAL REPORT FOR THE STRATEGIC ASSESSMENT OF THE
DIGITAL INSTRUMENTATION AND CONTROL REGULATORY
INFRASTRUCTURE

In the U.S. Nuclear Regulatory Commission (NRC) Staff Requirements Memorandum (SRM) to SECY-15-0106, "Proposed Rule: Incorporation by Reference of Institute of Electrical and Electronics Standard, 603-2009, IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16056A614), the Commission directed the NRC staff to develop an integrated strategy to modernize the NRC's digital instrumentation and control (I&C) regulatory infrastructure. In response to this SRM, the NRC staff developed and subsequently revised the "Integrated Action Plan to Modernize Digital Instrumentation and Controls Regulatory Infrastructure," (ADAMS Accession No. ML19025A312). Within this integrated action plan, Modernization Plan #4B, "Broad Assessment for Modernization of Digital Instrumentation and Regulatory Infrastructure," describes how the NRC staff will perform an assessment of the NRC's current overall digital I&C regulatory infrastructure, and based on the assessment results, develop recommendations to modernize the digital I&C regulatory infrastructure. The NRC staff solicited and received input (ADAMS Accession No. ML19351D976 (non-public) and ML19025A307) from internal and external stakeholders to support the staff's assessment.

Enclosed is the report that documents the results of this strategic assessment, which includes one broad recommendation and three specific recommendations to improve the digital I&C regulatory infrastructure. This memo and the enclosed report conclude the Modernization Plan #4B assessment activities.

Enclosure: Final Report for the Strategic Assessment of the Digital Instrumentation and Control Regulatory Infrastructure

Enclosure:
As Stated

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