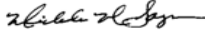




UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

August 22, 2024

MEMORANDUM TO: John Tappert, Director  
Office of Nuclear Regulatory Research

FROM: Michele Sampson, Director  Signed by Sampson, Michele  
Division of Engineering on 08/22/24  
Office of Nuclear Regulatory Research

SUBJECT: ACTION PLAN FOR ENHANCING THE AGENCY CODES AND  
STANDARDS PROGRAM FOR ADVANCED REACTORS

As the agency's Standards Executive, I am please to transmit the "Action Plan for Enhancing U.S. Nuclear Regulatory Commission's Codes and Standards Program for Advanced Reactors" (Enclosure 1). The Action Plan is the final activity associated with the February 29, 2024, document titled "Coordination Plan for Enhancing the NRC's Program for New and Advanced Reactor Codes and Standards," which can be found in the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. ML24060A164.

The Action Plan documents staff-developed enhancements to the Codes and Standards (C&S) program following a public workshop on April 4, 2024. The workshop was cohosted by NRC and the Idaho National Laboratory and was well attended with over 45 in-person participants and over 300 virtual participants. A meeting summary can be found at ML24123A021. Due to the extensive feedback collected during the workshop, distillation and synthesis of the action items took longer than initially expected.

The Action Plan is divided into three sections: (1) consensus standards development process improvements, (2) NRC's endorsement enhancements, and (3) leveraging commercial/non-nuclear consensus standards and other efforts. Each section is further subdivided into Swift Actions (<1-year to implement), Intermediate Activities (2- to 4-years to implement), and Program Enhancements (ongoing/programmatic). In total, 17 items are contained in the Action Plan with an equal distribution between Actions, Activities and Enhancements across the three sections.

The Action Plan will be publicly available following the normal release schedule. Staff in RES/DE/RGPMB will develop a separate, non-public, implementation plan (IP). The IP will track details regarding staff across the Agency working each Action Plan item, intermediate milestone completion dates, and final product outcomes.

CONTACT: Christopher Cook, RES/DE/ICEEB  
301-415-6397

Action Plan for Enhancing NRC's Codes and Standards Program for Future Reactors DATE August 22, 2024

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