



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

June 12, 2020

MEMORANDUM TO: Dennis C. Morey, Chief  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

FROM: Jonathan G. Rowley, Project Manager */RA/*  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF FEBRUARY 20, 2020, PARTIALLY CLOSED  
PRE-SUBMITTAL MEETING WITH ANALYSIS AND MEASUREMENT  
SERVICES CORPORATION REGARDING A FORTHCOMING TOPICAL  
REPORT ON ONLINE MONITORING TECHNOLOGIES

On February 20, 2020, a partially closed pre-submittal meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and Analysis and Measurement Services Corporation (AMS). During the meeting, AMS updated the NRC staff on its plans to submit a topical report entitled "Resolving Regulatory Issues with Implementation of Online Monitoring Technologies to Extend Transmitter Calibration Intervals." The meeting notice and agenda, dated February 7, 2020, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML20038A293. A list of attendees is enclosed.

The AMS presentation material can be found at ADAMS Accession No. ML20056F689 (non-proprietary version). During the open portion of the meeting, AMS provided an overview of the project. AMS reiterated that it received a grant to find a way in which the nuclear power industry may extend the calibration intervals of pressure, level, and flow transmitters. The implementation of online monitoring (OLM) would help avoid unnecessary calibration of those transmitters, as drifting of the transmitters could be identified while a plant is operating.

During the closed portion of the meeting, AMS provided a walkthrough of a draft topical report. In the draft topical report, AMS provided the basics of OLM technologies and the details of the implementation of OLM technologies for evaluating transmitter calibrations. In addition, the meeting included a discussion of the questions asked by the NRC staff during the first pre-submittal meeting on September 5, 2019 (ADAMS Package Accession No. ML19266A659) and AMS's responses.

Please direct any inquiries to me at 301-415-4053 or [Jonathan.Rowley@nrc.gov](mailto:Jonathan.Rowley@nrc.gov).

Docket No. 99902075

Enclosure:  
List of Attendees

LIST OF ATTENDEES

FEBRUARY 20, 2020, MEETING WITH

ANALYSIS AND MEASUREMENT SERVICES CORPORATION REGARDING A

FORTHCOMING TOPICAL REPORT ON ONLINE MONITORING TECHNOLOGIES

<b>Name</b>	<b>Organization</b>
Hash Hashemian	Analysis and Measurements Services Corporation (AMS)
Greg Morton	AMS
Brent Shumaker	AMS
Ryan O'Hagan	AMS
Kate Davy	AMS
Mark Burzynski	NewClear Day Inc.
Randall Olson	Southern Nuclear
Jonathan Rowley	U.S. Nuclear Regulatory Commission (NRC)
Ming Li	NRC
Richard Stattel	NRC
Wendell Morton	NRC
Joseph Ashcraft	NRC
Dinesh Taneja	NRC
Derek Halverson	NRC
David Rahn	NRC
Michael Waters	NRC
Jay Boardman*	Pressurized Water Reactor Owners Group

\*Remote Participant

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 TOPICAL REPORT ON ONLINE MONITORING TECHNOLOGIES  
 DATED JUNE 12, 2020

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DATE	06/09/2020	06/08/2020	06/12/2020	06/12/2020

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