



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

February 25, 2021

MEMORANDUM TO: Shaun M. Anderson, Managing Director  
EMBARK Venture Studio  
Office of Nuclear Reactor Regulation

FROM: Catherine Nolan, Systems Engineer **/RA/**  
EMBARK Venture Studio  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JANUARY 28, 2021, PUBLIC MEETING ON  
THE NUCLEAR REACTOR REGULATION EMBARK  
VENTURE STUDIO EXTERNAL MISSION ANALYTICS  
PORTAL PROJECT

On January 28, 2021, the U.S. Nuclear Regulatory Commission (NRC) held a Category 2 public meeting to present information on the EMBARK Venture Studio (EMBARK), in partnership with the Office of the Chief Information Officer, External Mission Analytics Portal (MAP-X) project.

The staff began the presentation with a discussion on the vision for the MAP-X project: to empower stakeholders with data analytical tools, including a secure, flexible, and personalized self-service gateway to retrieve, submit, and/or interact with regulatory information through a standard web browser. This portal will enable better data accessibility and data transparency, in order to become a more modern risk-informed regulator.

The staff's slide presentation (Agencywide Documents Access and Management Systems Accession No. ML21026A262) illustrated the following aspects of the MAP-X project:

- Key stakeholders are members of the public, licensees, applicants, State and Federal government representatives, and industry groups.
- Web based analytic tools will be available for all stakeholders, including members of the public.
- The portal will primarily be used by applicants for submitting data, retrieving data, and interacting with data.
- A pilot project, Web Based Relief Requests (WRR), is in progress.
- Next steps are to gather feedback, identify challenges, and prioritize modules for release.
- The plan is to hold quarterly public meetings to update on progress.

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Following the presentation, a demonstration of the current MAP-X pilot project, WRR, was given by the software developers. WRR is the foundation on which MAP-X will be built and enhanced. Additional modules are planned to allow stakeholders to be able to submit, retrieve, and interact with more NRC data.

Following the staff's presentation and demonstration, the Nuclear Energy Institute and other industry representatives indicated support for the MAP-X initiative. Industry representatives also asked questions related to the possible use of MAP-X in support of reporting requirements, CLIP traveler adoptions, vendor submissions, and research and test reactors. The public participants provided no comments.

Enclosure:  
List of Participants

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NUCLEAR REACTOR REGULATION EMBARK VENTURE STUDIO  
EXTERNAL MISSION ANALYTICS PORTAL PROJECT  
DATED: FEBRUARY 25, 2021

**DISTRIBUTION:**

PUBLIC

SAnderson, NRR

JWhitman, NRR

**ADAMS Accession Number: ML21056A520**

**\*via email**

**NRR-106**

<b>OFFICE</b>	NRR/EVS: PM	NRR/EVS: SD	NRR/EVS: MD	NRR/EVS: PM
<b>NAME</b>	CNolan	JWhitman	SAnderson	CNolan
<b>DATE</b>	02/23/2021	02/24/2021	02/24/2021	02/25/2021

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REGULATION EMBARK VENTURE STUDIO EXTERNAL MISSION ANALYTICS PORTAL  
PROJECT

**List of Participants:**

Approximately 100 people from the Nuclear Regulatory Commission (NRC) staff, industry representatives, and members of the public attended the webinar virtually. The ones listed below spoke or provided written comments during the meeting.

<b><u>NAME</u></b>	<b><u>AFFILIATION</u></b>
Caty Nolan	NRC
Shaun Anderson	NRC
Ho Nieh	NRC
Dave Nelson	NRC
Jim Danna	NRC
Gerard Olarte	CGI
Timothy Riti	Nuclear Energy Institutes (NEI)
James Slider	NEI
Justin Wearne	NEI
Rob Schickler	Oregon State University
Parvez Khambatta	Westinghouse
Alan Meginnis	Framatome
Brian Mann	Excel Services
Will Garrett	Southern Nuclear