



Smarter Inspection Enhancement

Project Status as of
01/27/2021

Background:

On April 26, 2019, the NRC staff issued a working group (WG) charter to conduct a holistic assessment of the fuel cycle oversight program. The purpose of the assessment was to improve effectiveness and efficiency, while further integrating risk-informed insights to ensure that the appropriate focus is applied to the areas most important to safety. The WG, composed of experienced staff and branch chiefs from NMSS and Region II, used both domestic and international operating experience, risk insights, inspection data, and lessons learned to assess the program and develop recommendations for enhancement.

The final report of the working group's recommendations was completed and made publicly available on March 18, 2020 (ADAMS Accession No. ML20073G659). The Director of the Division of Fuel Management (DFM) approved the working group's recommendations in full considering the final recommendations report and all feedback received. Public issuance of the final decision memo (ADAMS Accession No. ML20077L247) was on March 18, 2020.

Objective:

To provide a status update on the staff's efforts to revise fuel cycle inspection guidance documents in accordance with the approved recommendations in support of full implementation by calendar year 2021, train inspectors on revised guidance documents, and maintain accountability of the implementation effort and deliverables.

ACCOMPLISHMENTS

1. Developed Implementation Plan and Status Documents
2. Issued the following Inspection Procedures (IPs) and Inspection Manual Chapters (IMCs):

IP 88015	IP 88135	IMC 2683	IP 85315	IP 85404
IP 85401	IP 88135.02	IMC 2600	IP 85402	IP 85405
IP 85309	IP 88135.04	IMC 2600, Appendix B	IP 85403	IP 85406
IP 85311	IP 88135.05	IMC 2600, Appendix E	IP 85407	IP 85503
IP 85313	IP 88135.17	IP 85303	IP 85408	
IP 88055	IP 88135.19	IP 85305	IP 85501	
IP 88051	IP 88135.22	IP 85307	IP 85502	
IP 88020	IP 88070	IP 86740	IP 88050	

NEXT STEPS

1. Continue to shape a Low Safety Significance Issue Resolution process (Separate working group effort)
2. Issue 88030, 88045, and IMC 0616 by early 2021
3. Retire IPs 88025, 88035, and 88054 in 2021
4. Issue memorandum on the implementation of smarter inspection enhancement effort by February 2021

Points of Contact:

Alayna Pearson, HQ Implementation Lead, NMSS/DFM, 301-415-3174

Leira Cuadrado, Branch Chief, NMSS/DFM, 301-415-0324