

Safety Culture Policy Statement Implementation Plan Update June 2015

This update to the Safety Culture Policy Statement Implementation Plan summarizes the activities the staff has completed since January 2012. In addition, it includes a summary of the activities planned in response to the Commission's March 1, 2012 Staff Requirements Memorandum (SRM) for SECY-12-0008, "Implementation Plan for the Safety Culture Policy Statement".

The following is an overview of the Implementation Plan Update:

Completed activities:

- Staff provided outreach on the SCPS through meetings, conferences, workshops, webinars, newsletters, teleconferences, licensing performance reviews with fuel cycle licensees, and inspection entrance and exit meetings; and participated in numerous international efforts on safety culture (e.g. IAEA, NEA, Japan, and Korea).
- Staff developed educational tools for the regulated communities and distributed at conferences and meetings (e.g. brochures, Trait Talks, Case Studies, Journey)
- Staff conducted an Effectiveness Survey to assess whether efforts to inform the materials licensee community about the NRC's SCPS and Commission expectations have been effective.
- Staff incorporated the SCPS into Inspection Manual Chapter (IMC) 1246, "Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area," and safety culture updates into NUREG-1556, "Consolidated Guidance about Materials Licenses"
- Staff for Fuel Cycle oversight integrated safety culture attributes into Inspection Procedure (IP) 88161, "Corrective Action Program (CAP) Implementation at Fuel Cycle Facilities".
- Staff, along with industry, developed a common language for safety culture for the reactor community, which was published in NUREG-2165, "Safety Culture Common Language" in March of 2013.
- Staff conducted an effectiveness review of the ROP Substantive Cross-Cutting Issues (SCCI) process to determine if SCCIs were accomplishing their intended purpose. MC-0305, "Operating Reactor Assessment Program," was revised on April 09, 2015, informed by the internal working group's review and industry input through public meetings.
- NRO staff completed a revision to the construction reactor oversight process (cROP) based on the ROP assessment program.
- RES staff led a research study to validate the technical basis for the SCPS. The research was documented in a technical report titled, "Independent Evaluation of INPO's Nuclear Safety Culture Survey and Construct Validation Study" ([ML12172A093](#)), and published in a peer-reviewed journal, Safety Science, in March 2014 ([ML14224A131](#)).

Planned Activities:

- Staff will continue providing outreach through meetings, conferences, workshops, webinars, newsletters, teleconferences, licensing performance reviews with fuel cycle licensees, and inspection entrance and exit meetings; and continue participation in international efforts on safety culture
- Staff will continue to develop educational tools, as appropriate (currently working on a compilation of educational tools in a workbook format to be used by licensees for training purposes).
- With a working group reviewing the results of the Effectiveness Survey noted above, staff will continue increased efforts in outreach and education to Agreement States and their licensees, and will also consider developing specific training materials to support the Agreement States and their licensees.
- Safety culture aspects will be included in the revised FCOP as development of the new oversight process continues.
- Based on a recent self-assessment, NRO will increase its efforts to effectively consider safety culture by training a group of vendor and quality assurance program inspectors to perform safety culture assessments. A total of seven inspectors are to be qualified under IMC 1245 Appendix C-12 "Safety Culture Assessor Training and Qualification Journal".