

ISM WG Activity Schedule Input/Update Sheet

FROM: MC&A SG

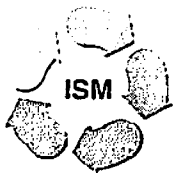
REQUESTED ACTION: New Item

TASK TITLE: White paper on improvements to NMMSS reporting procedures.

SUMMARY OF REQUESTED CHANGES/TASK DESCRIPTION OF NEW ITEM:

Opportunities for improvement to the reporting requirements to NMMSS will be reviewed and evaluated for potential opportunities and efficiencies.

The task could encompass but will not be limited to evaluation of potential item level reporting, incorporation of locations, review and value of “snapshot view” of data.



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From:

- ^{SIS} ISM WG Chair (SSWG) ^{MESSAGE} Quality Assurance SG (QA)
- ^{Security} Feedback and Improvement SG (FI) Other: _____
- ^{Cyber Security} ISM Program Mgr. SG (ISM) CSSE

Requested Action:

- New Item Schedule Update

Tracking Number: Sub-Group YR Item #
(e.g., FI-07-01, QA-07-01, etc.)

Task Title:

White Paper on Attributes of an effective Nuclear Safety Culture -

Summary of Requested Changes/Task Description of New Item:

With the issuance of DNSFB Recommendation 2004-1 and subsequent issuance of DOE M 450.4-1 (ISM Manual) the need for a strong safety culture within DOE was established. There is presently no requirement to implement the new safety culture elements of 450.4-1 by contractors. It takes years to establish a good safety culture. Stronger long term safety performance could be achieved by DOE and its contractors agreeing to a general set of principles/guidelines that everyone could implement with some level of consistency minimizing the chance of uprooting it or redoing it based on organizational or political changes. Much has been done in the commercial nuclear industry to establish some level of consistency and consensus for a core group of principles. INPO is an example of an organization that has established principles for an entire commercial nuclear industry which included full industry participation. DOE M450.4-1 does a good job of tying together various inputs that could be used to establish safety culture principles such as High Reliability Organization (HRO) and Human Performance Improvement (HPI) elements in response to DNSFB Recommendation 2004-1.

The EFCOG ISMS Program Management and Integration Sub Group is responsible for safety culture. Through this subgroup, it is proposed that a joint EFCOG/DOE sponsored project be initiated to identify a consensus set of safety culture principles to be used by DOE and its contractors. This effort would result in a similar product to that produced in the commercial nuclear power industry, the INPO Principles for a Strong Nuclear Safety Culture. A diverse team of senior industry leaders representing major contractors, DOE, DNFSB, and INPO would be jointly established through the DOE and EFCOG to draft safety culture principles for use by DOE and its contractors.

Proposed Outcome: An EFCOG/DOE endorsed White Paper on Attributes of an Effective Nuclear Safety Culture would be issued similar to the INPO document for recommended use by all contractors and DOE. This document may include how to integrate safety culture principles into various processes, may be issued as recommendations to the ISM Manual, guidance, or EFCOG

document, to be determined.

Executive Sponsors:

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Glenn Podonsky, DOE - *HSS*

Project Co-Chairs

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Pat Worthington, DOE HSS

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Other

George Mortensen, INPO
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Wayne Frazier (NASA)

New Item

Start Date:

Est. Completion: Date:

Existing Item

Revised Estimated Completion Date:

Completion Date: