

ENVIRONMENT, SAFETY, AND HEALTH (ESH)

OBJECTIVE

ESH.1: Line management has established programs to assure safe accomplishment of work. Personnel exhibit an awareness of public and worker safety, health, and environmental protection requirements and, through their actions, demonstrate a high-priority commitment to comply with these requirements. Clear and unambiguous lines of authority and responsibility for ensuring ES&H are established and maintained at all organizational levels. (CR-1)

Criteria

- Programs are in place at the SWS facilities that actively involve workers in ES&H programs. (DOE Order 440.1; HNF-MP-003)
- The SWS safety hazards are adequately identified, evaluated, and controlled by engineering or administrative controls. (DOE Order 440.1; HNF-PRO-079)
- A clear management structure for the SWS is established, approved, and in place. This structure is implemented and is understood by health, safety, and support personnel. (DOE Order 5480.19, Chapter I; HNF-MP-003)
- The level of knowledge of safety and health and support personnel is adequate to safely operate (and maintain) the SWS in normal, abnormal, and emergency conditions. (DOE Order 5480.19, Chapter XIII; DOE Order 5480.20A, Chapters I and IV)
- Sufficient numbers of qualified safety and health and support personnel are available to carry out SWS operations. (DOE Order 425.1C)

Approach

Record Review

- Review selected program documentation to determine that safety and health programs have been implemented for the SWS (e.g., Automated Job Hazard Analysis, worker training/safety meetings, Employee Zero Accident Councils activity, etc.)
- Review selected procedures to insure safety and health requirements are adequately reflected in the operating and maintenance procedures.
- Review the contractor ORR report and the MSA for this CRAD, adjust the approach accordingly, and provide input to CRAD-17 write-up.

Interviews

- Interview managers to determine that the industrial safety and health programs are implemented.
- Interview operations and support personnel to assess their understanding of ES&H policies and procedures.
- Interview personnel to determine if they demonstrate adequate level of knowledge to support safe operation of the SWS in normal, abnormal and emergency conditions.

Shift Performance

- Observe the performance of activities to determine if sufficient numbers of qualified personnel are available and the safety and health programs are implemented to support operations.
- Walk down the facility to evaluate the implementation of the environmental, safety and health program.
- Observe field practices and monitoring to support mitigation of the argon hazard.

