

4424

**VOLUME II: HEALTH AND SAFETY DOCUMENT  
CHANGE REQUEST # 40 (CHANGE SECTION 4.2)**

**03/15/90**

**DOE-FN/WEMCO**

**DCR 40**

**3**

**DCR WORK PLAN**

DOCUMENT CHANGE REQUEST

This form is used to initiate permanent changes to controlled distribution project-specific procedures, such as the QAPP, Work Plan, and Sampling Plan.

REQUEST NO. 40

Issue Date:

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REQUESTOR: Greg McAnarney PHONE NO.: 738-3100 DATE: 3-15-90
DOCUMENT TITLE: Volume II: Health and Safety Plan
SECTION/PARAGRAPH/PAGE NO.: Section 4.2 DOCUMENT NUMBER:
ISSUE DATE: January 1987 LATEST REVISION DATE: March 1988

JUSTIFICATION:

The existing Health and Safety Plan Vol II Revision 3 March 1988 requires ASI to comply with all federal, state, local and DOE health and safety provisions. One of the Federal Regulations, 29 CFR 1910.120, requires the use of Site Specific Safety Plans which address task specific hazards.

CONTENT OF CHANGE:

Added to section 4.2 are the requirements, development, approval, and usage of Site Specific Safety Plans.

ASI QUALITY RECORD

EFFECTIVE DATE OF CHANGE:

- When all approvals have been obtained
Other (Specify):

REQUIRED APPROVALS:

Handwritten signatures and dates for Project Director, Project QA Officer, Technical Manager, WMO QA Officer, and DOE COTR.

TO BE COMPLETED BY DOE

- A. Prior EPA notification required?
B. Prior EPA approval required?
C. Immediate implementation?

#### 4.2 OPERATING PROCEDURES

All characterization activities will be carried out in accordance with existing WMC0 Standard Operating Procedures (SOP's) applicable to instrumentation and equipment present at FMPC to the extent that they are adequate. Any surveys or equipment to be used in ASI's work and for which SOP's are not available will have SOP's written and approved by WMC0 prior to use of the survey equipment. SOP's are used to help ensure the accuracy of and precision of measurements being made and to help ensure that radiological and chemical exposures to workers and members of the public on the FMPC site are maintained to levels that are ALARA.

Federal Regulation, 29 CFR 1910.120 requires the use of Site Specific Safety Plans (SSSP) which address task specific hazards. To fulfill this requirement, ASI will develop and implement Site Specific Safety Plans.

A Site Specific Safety Plan is developed, in the judgement of the Health and Safety representative if it is deemed necessary and appropriate for each significantly different category of hazardous operation or activity (i.e. drilling, monitor well sampling, etc.). The Site Specific Safety Plans will address the specific tasks and hazards associated with that operation or activity. Once written, the SSSP is reviewed by ASI's Corporate Health and Safety Manager or designee. The manager/designee reviews the document, makes modifications, when necessary, and approves the document by his signature.

The ASI approved document is then reviewed by the DOE Contracting Officer (COTR) or designee. DOE modifies the document, when necessary, and returns the document to the ASI office at Fernald,

if necessary. The ASI Health and Safety representative addresses the DOE comments. If significant changes must be made to address the comments, the plan is again modified, approved and sent back to DOE for signature approval.

Once approved by ASI and DOE, field work can proceed as long as the field conditions are accurately reflected by the SSSP.

#### 4.3 WORKER TRAINING

A formal site-specific training program will be provided by the ASI Corporate Health and Safety Manager or the SHSO to workers before they being on-site work. The training will be commensurate with the work hazard, and will include discussions of the FMPC remedial investigation project, industrial and radiological safety procedures, emergency and contingency procedures, the signs and symptoms of heat stress as outlined in Section 5.4, the potential for encountering hazardous materials on the site and emergency telephone numbers, first aid, and location of first aid stations and hospitals. The training will also include the highlights of this health and safety plan, WMCO's emergency plan, a detailed description of decontamination procedures, and respirator use and fit testing.

Practical demonstrations shall be given, when appropriate, i.e., in self-monitoring for contamination on workers. Fit test for respirator users will, at a minimum, include qualitative testing. Quantitative testing will be provided. Adequate information regarding known hazardous materials that may be encountered on site, including radioactive materials, chemical constituents, and asbestos, will be provided to ensure compliance with the Hazard Communication Standard (29 CFR 1910.1200). Workers will be