

MEETING REPORT

DATE: December 6, 2005

TIME: 8:00 a.m.

PLACE: Sequoyah Fuels Corporation
Gore, OK

PURPOSE: To discuss Nuclear Regulatory Commission's (NRC's) request for additional information regarding Sequoyah Fuels Corporation's (SFC's) proposed ground-water corrective action plan and ground-water open issues identified in the NRC's draft Safety Evaluation Report on SFC's proposed site reclamation plan.

ATTENDEES: Refer to Attachment A

BACKGROUND:

In the reclamation plan, SFC proposes to construct a disposal cell in the industrial area of the site containing contaminated ground water. In the draft Safety Evaluation Report dated September 2005, NRC staff identified, as an open item, the ability of a detection monitoring system to detect leakage from the cell in the presence of existing ground-water contamination. Additionally, NRC staff is currently reviewing the SFC's ground-water corrective action plan and requested additional information regarding the current corrective actions, data to demonstrate the proposed corrective actions will work as expected, and other site characterization and water quality data. SFC invited NRC staff to the site to view current corrective actions, tour the disposal cell site, and discuss outstanding issues.

DISCUSSION:

1. After the introductions and opening statement, SFC presented an operational and regulatory history of the site. Of note was the fact that in 2002 NRC staff informed SFC that it would not approve a decommissioning plan unless a long-term custodian was identified. SFC subsequently attempted to have the waste reclassified as 11e.(2) byproduct material. NRC approved this reclassification, and SFC subsequently submitted a reclamation plan and corrective action plan.
2. SFC then presented a review of the site characterization efforts and results and a review of SFC's current corrective actions. SFC discussed the purpose and effectiveness of each corrective action structure, and discussed other proposed corrective action structures.
3. SFC's consultant, MFG, Inc. (MFG), presented an overview of the site hydrogeology and contamination distribution. The presentation included a review of the geologic units, saturated zones and aquitards, ground-water flow directions, zones of contamination and rates of migration, and expected migration pathways.

Enclosure 1

4. SFC took meeting attendees on a vehicular tour of the site to view corrective action structures and other site features. Meeting attendees viewed three interception trenches, two seeps, monitoring wells, locations for new extraction wells, and the fertilizer and stormwater ponds.
5. After the vehicular tour, SFC took meeting attendees on a walking tour of the industrial area where the disposal cell would be constructed.
6. After the industrial area tour, SFC, MFG, and NRC staff began discussing outstanding issues related to the reclamation and ground-water corrective action plans. Much time was spent on the issue of detection monitoring for proposed cell. SFC, MFG, and NRC staff discussed some monitoring and risk-informed alternatives that SFC will be investigating. SFC, MFG, and NRC staff subsequently began discussing individual comments raised in the request for additional information for the ground-water corrective action plan and the open issues raised in the Safety Evaluation Report.

ACTIONS:

1. In its draft Safety Evaluation Report for the reclamation plan, the staff had concluded that the well spacing of the proposed monitoring of the cell was too large. However, SFC believes that the staff may have misinterpreted the scale on a map. Therefore, NRC staff agreed to review the open issue of well spacing raised in the Safety Evaluation Report.
2. SFC will respond to the request for additional information regarding the ground-water corrective action plan and the open issues in the Safety Evaluation Report.

ATTACHMENTS

1. Meeting Agenda
2. Attendee List
3. PowerPoint presentation of site history and modeling.