

Site Lessons Learned Group March 2004 Monthly Report

I Executive Summary

- The WSRC Lessons Learned Program published Special Information Notice 2004-LL-0020 (Employee Slips and Falls in Defense Waste Processing Facility Railroad Well - Includes Best Practice) on 02/27/04.

Jim McLaughlin, Yucca Mountain Lessons Learned Coordinator, called the WSRC Lessons Learned office concerning this Lessons Learned. Specifically, he wanted more information on:

- the Radiological Operations Support Center (he thought this was a good concept)
- the LSIT (he was curious as to what this was and what they do)

Also, he said that even though they aren't receiving a lot of shipments yet, the type of information covered in the Lessons Learned (plastic sheets, slipping, wells, and associated precautions to prevent recurrence) would be very beneficial for them as they gear up to perform more of these activities.

- Robert Dunlap requested the Site Lessons Learned Group to communicate feedback back to James Allen of Richland. Allen had a question regarding Site Lessons Learned 2004-LL-0025, Overflow of Cold Chemical Tank 132 in H Completion Outside Facilities. The Site Lessons Learned Group successfully communicated Dunlap's response back to Allen on 03/25/04.
- The Site Lessons Learned Group met with DWPF Lessons Learned personnel and management 03/18 at 704-S to discuss the Site Lessons Learned Program's interaction with the new Site Tracking, Analysis, and Reporting (STAR) system.
- The WSRC Lessons Learned Program has implemented Best Practice and Alert publications. These will enable the WSRC Lessons Learned Program to share immediate event information with appropriate site personnel and will provide Best Practice to personnel for program improvement opportunities.

During the reporting period, the Site Lessons Learned Program issued nine (9) Special Information Notice(s), two (2) Bulletin(s), and two (2) Best Practice(s). These documents are accessible via the Lessons Learned Website at <http://bnet4.srs.gov/lessons-learned>.

Items screened for Lessons Learned applicability included:

- 149 Items from Final Occurrence Reports
- 94 Items from Daily Occurrence Reports
- 2 Items from DOE Operating Experience Summaries
- 10 Items from DOE Type B Investigation Reports
- 242 Items from INPO Daily Event Reports
- 11 Items from INPO Operating Experience Reports
- 2 Items from Yellow Alerts
- 1 Item from Green Alerts
- 12 Items from Blue Alerts
- 3 Items from GIDEP
- 7 Items from Information Notices
- 1 Item from the Suspect/Counterfeit Web Page
- 4 Items from the Defective Item Web Page
- 1 Item from PIR
- 10 Items from SRS Events
- 1 Item from Nonconformance Reports
- 1 Item from FEB Noteworthy Practices
- 1 Item from Problem Reports
- 1 Item from DOE Nonreportable Occurrences

Of the 553 documents screened, 35 (6%) were applicable. Some of the applicable items were shared with applicable Subject Matter Experts as Information Only. Lessons Learned items will be created for other applicable items.

III Lessons Learned Publications During March

Special Information Notice 2004-LL-0021, Lessons Learned Alert - Near Miss to a Fatality as Crane Strikes 13.2-kV Overhead Power Line During Transport (Los Alamos) - Preliminary Information

Bulletin 2004-LL-0022, 120-Ton B-Trolley Crane Failure (SRS)

Special Information Notice 2004-LL-0023, Lessons Learned Alert - Spill of Low-Level Radioactive Waste from Package While in Transit - Yankee Atomic Electric Company - Preliminary Information

Special Information Notice 2004-LL-0024, Subcontractor Lockout/Tagout Concern (SRS)

Special Information Notice 2004-LL-0025, Overflow of Cold Chemical Tank 132 in H-Completion Outside Facilities - Includes Best Practice (SRS)

Special Information Notice 2004-LL-0026, Emergency Diesel Generator Engine Failure Event Reinforces Need For Thorough Pre-Job Briefings (South Texas Unit 2)

Special Information Notice 2004-LL-0027, Incorrect Implementation of Radiographic Examination Requirements Results in Failure to Perform 100% Nondestructive Testing of Piping Welds (SRS)

Special Information Notice 2004-LL-0028, Problems With Unplanned External Radiation Exposures - Significant Operating Experience Report (Nuclear Power Stations)

Special Information Notice 2004-LL-0029, Behaviors and Conditions Contribute to BSRI Insulator Finger Laceration (SRS)

Bulletin 2004-LL-0030, Damage of Overhead Power Lines By 90-Ton Crane (SRS)

Best Practice 2004-LL-0031, Radiological Operations Support Center (SRS)

Best Practice 2004-LL-0032, WSRC Employees Utilize Stop Work Authority (SRS)

Special Information Notice 2004-LL-0033, BNFL, Inc., Employee Foot Injury at the East Tennessee Technology Park, Building K-31 - DOE Type B Investigation Report (East Tennessee Technology Park)

WSRC Lessons Learned Items Submitted to DOE Lessons Learned List Server

Failure of the Finnegan Triton Mass Spectrometer Due To A Manufacturer's Software Flaw

Employee Slips and Falls in Defense Waste Processing Facility Railroad Well – Includes Best Practice

Overflow of Cold Chemical Tank 132 in H-Completion Outside Facilities – Includes Best Practice

Behaviors and Conditions Contribute to BSRI Insulator Finger Laceration

Radiological Operations Support Center (ROSC) – Best Practice

Damage of Overhead Power Lines By 90-Ton Crane

WSRC Employees Utilize Stop Work Authority – Best Practice

IV Work In-Progress

Site Tracking, Analysis, and Reporting (STAR) integration with the WSRC
Lessons Learned Program

V Lessons Learned Feedback

Special Information Notice 2004-LL-0013, DOE Hoisting and Rigging Events Operating Experience and Lessons Learned Report (Issued 02/03/04)
Contributor – Mary Brown (Liquid Waste Disposition Lessons Learned Coordinator)

The following comments were received from Tommy Langford of Rigging concerning their actions for this SIN.

SIN -2004-LL-0013 has been covered with the CBU Ops Support Rigging group on several occasions. Also it has been disseminated to other Site Organizations for review and applicability.

Special Information Notice 2004-LL-0019, Internal Wire Chafing Leads to Loss of Diesel Generator Operation (Issued 02/24/04)
Contributor – Gary Haas (H-Completion Lessons Learned Coordinator)

The H-Completion Procedures and Training Group has received this lessons learned and is reviewing for use.

Special Information Notice 2004-LL-0020, Employee Slips and Falls in Defense Waste Processing Facility Railroad Well – Includes Best Practice (Issued 02/27/04)
Contributor – Gary Haas (H-Completion Lessons Learned Coordinator)

The H-Completion Procedures and Training Group has received this lessons learned and is reviewing for use.

Special Information Notice 2004-LL-0020, Employee Slips and Falls In Defense Waste Processing Facility Railroad Well – Includes Best Practice (Issued 02/27/04)
Contributor – Gary Haas (H-Completion Lessons Learned Coordinator)

Ralph Cansler of Engineering Business Management within the Closure Business Unit sent this Lessons Learned to the entire Closure Business Unit Engineering section to share the following:

“Everyone should be alert to work situations where protective or housekeeping measures are applied (for whatever reason) that could cause or contribute to slipping and falling. These situations can occur in office environments as well as process areas. As the LL indicates please be attentive when confronted with these type situations. Remember anyone can stop work that is unsafe.”

Special Information Notice 2004-LL-0017, Behaviors and Conditions Contribute to Vehicle Collision Between Flatbed Truck and Pickup Truck in E-Area (Issued 02/12/04)

Contributor – George Morris (Site D&D Lessons Learned Coordinator)

Morris distributed this lessons learned 03/10/04 to the Site D&D personnel via the Site D&D Toolbox – an electronic email that includes several items of information and also includes a Class Implementation Roster so First Line Managers and supervisors can document that these items have been covered in toolbox meetings.

Special Information Notice 2004-LL-0021, Lessons Learned Alert – Near Miss to a Fatality as Crane Strikes 13.2-kV Overhead Power Line During Transport (Los Alamos) – Preliminary Information (Issued 03/02/04)

Contributor – Gary Haas (H-Completion Lessons Learned Coordinator)

Lessons learned was distributed throughout H- Completion, including the Procedures and Training Support Group. This particular lessons learned was emphasized for reading by Maintenance procedures.

Special Information Notice 2004-LL-0023, Lessons Learned Alert – Spill of Low-Level Radioactive Waste from Package While in Transit – Yankee Atomic Electric Company – Preliminary Information (Issued 03/08/04)

Contributor – Gary Haas (H-Completion Lessons Learned Coordinator)

Lessons learned was distributed throughout H- Completion, including the Procedures and Training Support Group.

Special Information Notice 2004-LL-0024, Subcontractor Lockout/Tagout Concern (SRS) (Issued 03/08/04)

Contributor – Gary Haas (H-Completion Lessons Learned Coordinator)

Lessons learned was distributed throughout H- Completion, including the Procedures and Training Support Group. This particular lessons learned was emphasized for reading by Maintenance procedures.

Special Information Notice 2004-LL-0025, Overflow of Cold Chemical Tank 132 in H-Completion Outside Facilities – Includes Best Practice (Issued 03/10/04)

Contributor – Gary Haas (H-Completion Lessons Learned Coordinator)

Lessons learned was distributed throughout H- Completion, including the Procedures and Training Support Group.

DOE ESH Blue Alert, Scales Not Calibrated To The Range of Expected Use (Issued (01/12/04)

Contributor – John Hart (Soil & Groundwater Closure Projects Lessons Learned Coordinator)

Alert was distributed by Hart to SMEs within SGCP, including the Operations Waste Group. The Operations Waste Group manager distributed the Alert along with specific questions to ensure that they weren't out of balance. Upon obtaining all answers for the questions, the manager was able to ascertain that the answers to these issues were satisfactory to management.