

FY10 Division/Section/Center ES&H Roll-Up Assessment

Dates covered	10/01/09 – 09/30/10
Division/Section/Center	Business Services Section
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<p>Mandatory Topical Area OSHA Style Inspections</p>	<p>In FY2010, the ES&H Section conducted Highly Protected Risk (HPR) Inspections in seventeen of the twenty-five BSS buildings (excluding the 60 residences). There were no serious deficiencies of Life Safety Code or OSHA Standards identified and no Category 1 or 2 Findings.</p> <p>In FY2010, the IEPA inspected Fermilab's permitted air pollution sources. The tour of the Fuel Service Center and associated discussion helped demonstrate Fermilab's compliance with our Lifetime Operating Permit, and in fact we are above and beyond compliance.</p> <p>As part of the implementation of SPCC, the BSS-EO verifies the monthly inspections of oil containment that took place in the prior month.</p> <p>See below, "Management Assessments"</p>
<p>Mandatory Topical Area Management Assessments</p>	<p>An important component of our ES&H Self Assessment Program is the monthly management tour. A schedule is created at the beginning of each year so that the BSS senior management covers each of the section's areas twice per year. The members of the tour include the BSS Head (Dave</p>

	<p>Carlson), BSS Deputy Head (Jeff Irvin), Senior Safety Office (Greg Mitchell), and the BSS Department Heads and members of the safety committee for the areas being toured. The DOE/FSO and the Chief Operating Officer are invited and almost always participate. The management tour process includes a physical inspection of the work areas, at which time the SSO and participants inspect to OSHA and FESHM. Topical discussions and inspections also occur based on recent activities that may be applicable at the time of the tour. The results of management tours are documented in ESHTRK. The most common non-compliance trends observed in FY2010 were the inappropriate use of power cords and exit/emergency lights that were not fully operating.</p> <p>Section Office management toured all BSS areas at least twice in FY2010.</p> <p>There were no serious OSHA violations noted and no Category 1 or 2 Findings identified on the tours.</p> <p>The Laboratory Director toured BSS Communication Center and the Cafeteria areas. The tour was informative for the Director, detailing the various activities performed by BSS employees at their specific work locations, and the employees appreciated the Director's personal participation.</p> <p>The Fire Department performed self assessment for one third of their self-assessment elements (six of the eighteen).</p>
<p>Mandatory Topical Area</p> <p>Tripartite Assessments</p>	<p>The FY2010 BSS Tripartite topic was the DOE Metal Moratorium and impact on BSS Operations. The railhead storage area is used to store materials for future use, materials that are deemed to be excess to the Lab's</p>

	<p>requirements, and scrap materials pending sale or other disposition. All activities are affected by the DOE's 2000 moratorium on recycling or re-using scrap metal from radiological areas. A major component of the scope was to assess the impact on the railhead operation of the continued moratorium in terms of resources.</p> <p>The assessment team found that the railhead storage area is currently near capacity for acceptance and storage of Group 2 (moratorium) material. The moratorium has been in effect for 10 years and if it continues indefinitely the continued management and storage of Group 2 material will have an impact on Fermilab's budget and resources. Management will be faced with decisions on how to alleviate the storage capacity issue at the railhead storage area.</p> <p>The report included nine Observations, one Finding, and four Recommendations. The Finding and Recommendations were related to procedures and documentation.</p> <p>The assessment team observed that the scrap program is by and large very well run, and does not appear to present any hazards to Fermilab employees or the public. Materials entering and leaving the railhead are carefully scrutinized as much as four separate times for radioactivity. They also noted that the Business Services OPERATING PROCEDURE PIC-RH-101 (railhead procedure) is well written and clear, and the procedures are followed by railhead personnel and that all required training for Railhead workers was up to date.</p>
<p>Mandatory Topical Area Self assessment against contractual ES&H Performance Measures</p>	<p>In FY2010, BSS continuously monitored its performance against the prime contract ES&H performance measures, and reviewed and discussed the performance measures relevant to BSS and other ES&H topics as the first</p>

agenda item at monthly department head meetings. We incorporated prime contract performance measures into the CY2010 BSS ES&H Plan to support the Laboratory in achieving its goals.

The two Prime Contract ES&H Notable Outcomes that BSS can contribute to are as follows:

1. Maintain ISO 14001 & OHSAS 18001 Registration: The ISO/OHSAS assessors positively noted that “the BSS Annual ES&H Plan aligns with PEMP and supports the performance goals and Notable Outcomes. Two of the tasks will support OHSAS 18001 and one task supports ISO 14001 as well as the Federal Electronics Challenge. Fermilab Today, April 28, 2010 article by the Section Head was on a Greener Fleet, and included Fermilab programs of using alternative-fuel vehicles and replacing petroleum with alternate fuels.”

Note: Additional Observations from the ISO-OHSAS Registration appear at the end of the FY2010 ES&H Plan Results.

2. Support Federal Electronic Challenge and EO 13423: The BSS Environmental Officer, the Property Manager, and a representative from the Procurement Department continue to work with the EP Subcommittee on this topic. In FY 2010, all BSS acquisitions of computer electronics were EPEAT Certified.

For additional information of BSS contribution to this item, see Business Services Section FY2010 ES&H Plan with Results, section 3.) “In the area of Provide Efficient and Effective Waste Management, Minimization, and Pollution Prevention.”

<p>Mandatory Topical Area Results of the FY10 D/S/C ES&H Plan</p>	<p>Information on our ES&H Plan Results is provided in the Business Services Section <u>FY2010 ES&H Plan with Results</u> (September 30, 2010), attached.</p>
<p>Mandatory Topical Area Positive ES&H initiatives and/or successes from this fiscal year</p>	<p>Positive ES&H initiatives and/or successes from this fiscal year are provided in the <u>Business Services Section FY2010 ES&H Plan with Results</u> (September 30, 2010), attached. Some notable examples that were not originally in our ES&H Plan are below:</p> <ul style="list-style-type: none"> • There were zero OSHA Recordable Cases in FY2010 and none since 1/8/2009 and continuing. This resulted in a “Perfect Record Award” from the National Safety Council to Fermi National Accelerator Laboratory, Business Services Section for operating from January 2009 through June, 2010, Without Occupational Injury or Illness involving Days Away from Work. During this period, BSS worked 358,718 Hours and we continue to date to add to this perfect record accomplishment. • National Safety Council Safe Driver Awards for six commercial drivers for no at-fault motor vehicle accidents since 11/1/2007 and continuing. • No Category 1 or 2 Findings resulted from any audit or assessment of our organization, either self-led or conducted by others. • We maintained 100% ITNA completion, and greater than 95% training completion throughout FY2010. <p>Environmental related success stories include the following:</p> <ul style="list-style-type: none"> • The BSS/Transportation Services

	<p>Department completed acquisition of 25 alternative fuel or hybrid vehicles, using American Recovery and Reinvestment Act funds, to replace aging petroleum based vehicles. Fermilab has been proactive in meeting federal guidelines regarding alternative fuel use and alternative fuel vehicles, and by the end of FY 2010, the entire (heavy and light duty) fleet of will be comprised of 81% alternative fueled vehicles.</p> <ul style="list-style-type: none">• Electronic CarChip technology is being used to monitor vehicle utilization (trip data, time, date, speed, idle time, etc.) and spreadsheet analysis is performed. A rotating, random selection of vehicles are being monitored at a rate of approximately 80 vehicles per year. The Fermilab Fleet Utilization Committee performs utilization comparisons to improve vehicle allocation and determine best practices. This program resulted in a greater awareness and level of achievement of Local Use Objectives and fuel conservation. The CarChip devices also monitor and report various usage patterns, such as idling time. The devices have gained some notoriety among the driving population. The Fleet Utilization Committee uses the data collected to analyze usage patterns and influence behavior, resulting for example, in reduced idling time and consequent vehicle emissions.• The Transportation Department recycled ~5 cubic yards of cardboard from construction projects to reduce the amount of material to be disposed of as solid waste.
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	<ul style="list-style-type: none"> • The Travel Department implemented paper-free travel booking/invoice process in May 2010. • The Information Resources Department chose not to renew 36 publication titles in FY2010 which resulted in a cost savings of \$115.6K. • Implemented use of recyclable cafeteria cups and certain food containers.
<p>Mandatory Topical Area Identified weaknesses</p>	