



NATIONAL SYNCHROTRON LIGHT SOURCE
BROOKHAVEN NATIONAL LABORATORY

Report No. 000676
 (Obtain from QCC)

Date: 11/19/2009

Prepared By:
 M. Buckley/A. Ackerman

GENERAL REVIEW FORM

The [NSLS ES&H PRM](#) requires the use of this form for most of the types of reviews listed below. This form may be used for other engineering, scientific, and ESH&Q reviews where a standard form is not available. Contact the [NSLS QR](#) for additional information.

- TYPE OF REVIEW:**
- | |
|---|
| <input type="checkbox"/> Environmental Management Committee |
| <input type="checkbox"/> ALARA <input type="checkbox"/> Beamline Safety <input type="checkbox"/> ES&H Committee |
| <input type="checkbox"/> Experimental Safety <input type="checkbox"/> Interlock Working Group <input checked="" type="checkbox"/> Project Review - 2009 EMS/OHSAS Management Review |

TITLE: FY09 EMS/OHSAS Management Review

PRESENTED BY: A. Ackerman

PURPOSE: Annual Review of the NSLS EMS/OHSAS program

REVIEWERS - ASSOCIATION

D. Bauer, A. Boerner, M. Buckley, W.R. Casey, B. Chmiel, R. Church, M.A. Corwin, R. D'Alsace, S. Dierker, M. Fallier, N. Gmur, S. Hoey, S. Hulbert, P.K. Job, C.C. Kao, P. Kelley, B. Kiss, R. Lee, T. Maugeri, T. McDonald, C. Nielson, E. Nowak, C. Parnell, R. Pindak, C. Porretto, H. Robinson, D. Ryan, J. Selva, L. Stiegler, M. Sullivan, C. Weilandics, F. Zafonte

DISTRIBUTION: To File

Attachments: Data Sheets EMS, FUA, and SAD/ASE Checklist for NSLS Reviews (if applicable)

MAJOR COMMENTS & CONCERNS OF REVIEWERS

An overview of the NSLS ESH&Q programs was presented and comments from the FY08 NSLS Management Review meeting were discussed.

Questions and Answers:

Material Transport:

CCK.: Do we explain the BNL transportation requirements for chemicals and equipment during experiment ESH review? AA – Yes, we could also provide additional resources. There is a plan to assess user material transport to find improvement opportunities and determine what resources are needed.

NG: Part of the issue is controlling shipment to BNL from outside institutions. We have the most control over shipments leaving BNL. AA – True, we have less control over shipping to BNL, but we do have good interaction with users before they arrive during review of the experiments and can use that process to improve shipping both ways.

BK: Has the lab considered having a shipping company based onsite? AA – M. Clancy is looking into ways of improving the transportation of chemicals onsite.

Traffic violations:

CCK: Why do you think we received more traffic violations this year. Is it just more enforcement? AA - I expect that we have not really changed behavior and that the charts do just reflect enforcement level.

JS: Are the violations typically first time offenders? AA – Yes.

Injuries:

CCK: It is unfortunate that so many step stools were found on the floor in poor condition after the step stool injury and that we did not find this issue during the routine inspections and observations that we complete. This is clearly a Human Performance issue. AA – This was overlooked and disappointing. We have to work to find these error likely situations. The beam line hazard analyses were directed at that goal. Human performance implementation will continue into 2010.

JS: Was there a lessons learned generated from the ladder accident. AA – Yes, an NSLS ESH Highlight was distributed and the accident was discussed at the quarterly BHSO accident review meeting with BNL senior management. No site wide Lessons Learned Was distributed.

CCK: The PowerPoint slides used at the BHSO accident review meetings should be sent out to some population at the Laboratory. That would be better than the typical text message. The slide provide a nice summary and pictures that will catch people’s attention.

EN: A web site is being developed to hold the slides used at the BHSO accident meetings.

STOP Observations:

CCK: How can we improve the STOP observation system? AA – Better data collection and trending.

User training:

NG: Be careful when changing the user training to include any audio or video. Consider the different user cultures and languages.

Reviewed Drawings/Specifications (if applicable)

APPROVAL (if required)

Review Committee Chairman: A. Ackerman

Date: 11/19/2009

Please forward completed original to the [Quality Control Coordinator](#), Bldg. 725C