



NATIONAL SYNCHROTRON LIGHT SOURCE
BROOKHAVEN NATIONAL LABORATORY

Report No. 000546
 (Obtain from QCC)

Date: 10/30/2007

Prepared By:
 M. Buckley

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:**
- Environmental Management Committee
 - ALARA
 - Beamline Safety
 - ES&H Committee
 - Experimental Safety
 - Interlock Working Group
 - Project Review

TITLE: NSLS FY2007 EMS/OHSAS Management Review

PRESENTED BY: A. Ackerman

PURPOSE: Conducted as a requirement of BNL EMS and OHSAS program.

REVIEWERS - ASSOCIATION

A. Ackerman, J. Aloï, D. Bauer, M. Buckley, B. Chmiel, M.A. Corwin, R. Church, R. D'Alsace, N. Gmur, G. Goode, S. Hulbert, C-C. Kao, K. Klaus, B. Lee, L. Miller, J. Murphy, C. Nielson, R. Pindak, C. Schaefer, C. Sanchez-Hanke, R. Pindak, H. Robinson, D. Ryan, B. Selvey, B. Singh, L. Stiegler, J. Usher, C. Weilandics, P. Williams, F. Zafonte

DISTRIBUTION:

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

MAJOR COMMENTS & CONCERNS OF REVIEWERS

G. Goode: Mentioned how Nanomaterial will be considered as Significant Environmental Aspects as a Significant Environmental Aspect item in the aspect matrices.

P. Williams: Mentioned that the interim target for High Hazard Equipment NRTL inspection is 100% for FY07.

Schaefer: Why is Electrical Consumption not considered as significant aspect? A.A. Limits not exceeded in matrix criteria specified in BNL subject area.

G. Goode: Few safety observations were made last year what will you do differently this year? A.A. will be on top of the training and meet with individuals personally to have completed. Status reviewed periodically at weekly chairman meeting; STOP Observations will be included in Level 3 manager's performance appraisal.

P. Williams: Regarding electrical findings on Tier-I; why is it higher in electrical - Is it training? A.A. The problem is primarily things like frayed cords. There is a high turnover of users (~2200 users) and their new equipment. We have analysis of Tier I findings to identify trends that require special attention as a goal for FY08.

C. Schaefer: Recommendation - Use NSLS specific training program to help Tier-I program for electrical concerns (e.g. frayed cords, electrical housekeeping). AA. We could target more in training.

P. Williams: Does a supervisor or manager speak with these individuals that receive traffic tickets? A.A. speaks to them and their supervision or host.

G. Goode: Do users know level of enforcement [police] when they come on site? Yes. This included in the department specific training.

C. Schaefer: Asked about type of training users take in reference to numbers referenced on slide - not just NSLS specific - includes BNL? Yes. Two sets (staff and users) of numbers addressed BNL training

modules. Neither set included NSLS specific training.

P. Williams: User injuries that are OSHA recordable are reported to DOE system.

H. Robinson: There is a lot of radiation at X29 (referring to the bar chart slide). A.A. Not a lot. The numbers are low, but significant. Control (audible alert) in place to keep personnel away when booster is in operation.

H. Robinson: Asked which bricks are being removed and replaced with painted bricks. A.A. All removed bricks are replaced with painted bricks. Large lead surface areas near User areas are also painted (hutch walls).

D. Bauer: How are you painting the bricks? A.A. Central Shops or purchased pre-painted.

G. Goode: Does the paint have any effect on the shielding? Bricks are overlapped where possible to stagger seams so no gaps show.

H. Robinson: Did we learn anything from the removal of X5 – any residual stuff in there? A.A. This job received formal work planning as well as the removal of the tagging cave.

Steve Hulbert: Tracking costs of the equipment removal was also important.

A.A. Each time we do something like that we learn from it, such as the lead brick removal. We do not want to reuse the unpainted lead. We are considering having it painted. Central Shops may be able to do that for us.

P. Williams: Fire was from a Non NRTL piece of equipment – was there a lessons learned sent around. How would we share the lessons learned with the rest of the lab. Yes – ATF was informed. They have a similar clean room – BNL lessons learned submitted to QMO for distribution.

P. Williams: Did PE do the installation? A.A. Contractor installed.

G. Goode: It's never too early to identify the costs of transitioning beamlines [for NSLS –II purpose].

A.A. There is a group that is addressing this issue for NSLS-II.

J. Usher: Will this presentation be posted on the NSLS website? Yes.

A. Ackerman: Is the NSLS EMS/OSHAS program effective? Yes – agreement from attendees.

N. Gmur: This was confirmed by the ISM auditors; NSLS received three greens.

J. Murphy: Conduct of Operations very positive as well - audit went very well. A.A. Control room runs under conduct of operations program and the audit went beautifully.

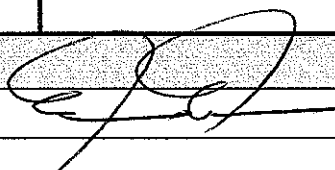
C. Schaefer: How is DOE rep feedback? A.A. Good – M. Ali worked well with NSLS.

H. Robinson: Comment on ISM Audit results. If the ISM review would have been more thorough for feedback and improvement would we have had a better review? A.A. I think we would have received a green score for feedback and improvement. We certainly deserve it.

Reviewed Drawings/Specifications (if applicable)

APPROVAL (if required)

Review Committee Chairman:



Date: 11/16/07

Please forward completed original to the Quality Control Coordinator, Bldg. 725C