

Photon Science Directorate BROOKHAVEN NATIONAL LABORATORY	000737
	Date: January 4, 2011
	Prepared By: S. Hoey; B. Heneveld; L. Steigler
GENERAL REVIEW FORM	
This form may be used for other engineering, scientific, and ESH&Q reviews where a standard form is not available.	
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 EMS/OHSAS Management Review
TITLE: Photon Science Directorate EMS/OHSAS FY10 Management Review	
PRESENTED BY: Andrew Ackerman & Steve Hoey	
PURPOSE: To satisfy the annual requirement for a directorate EMS/OHSAS internal audit	
REVIEWERS - ASSOCIATION See Attached Attendance Sheets	
DISTRIBUTION: Post to ESM/OHSAS Web Site	
Attachments: Attendance Sheets; Copy of Presentation; Copy of ALARA Analysis	

- Steve Hoey and Andrew Ackerman presented the PSD FY 2010 Environmental Management System & Occupational Health and Safety Assessment Series management review. This satisfies the EMS/OHSAS requirement for an annual internal audit. The slides of the presentation are provided below:

During the course of the presentation, a number of attendees made comments. These comments and responses by Steve Hoey and Andrew Ackerman are recorded below.

S. Kane: Are user injuries included in the injury statistics presented?

A. Ackerman: Yes, we do count user injuries even though they do not count against laboratory statistics. The same level of rigor is used to investigate, document and implement corrective actions for user injuries that is done for staff injuries.

G. Goode: Can you make a prediction on radiation dose exposures for the future NSLS-II.

S. Hoey: More effort has gone into shielding design, with smarter designs that use less lead. Our design reviews show that there will be less radiation exposure; however, this needs to be verified during commissioning fault studies.

Followup Note: A formal ALARA design analysis has been completed for NSLS-II. This document was reviewed by Henry Kahnhauser and Chuck Schaeffer and accepted as

addressing the requirements in part 835 for an Alara design review. This document is attached to these minutes for information.

S. Coleman: How are contractor traffic infractions handled, given the new laboratory policy?

S. Hoey: All contractor infractions are processed via PPM, there is no requirement for a contractor to meet with an ALD as there is for staff. At the NSLS-II project there is a clause in the safety incentive that contractors can be monetary fined for excessive traffic infractions.

G. Goode: Will more effort be needed in coordination between contractors?

S. Hoey: Yes, the coordination between the two prime contractors has been identified as a concern. There are several mechanisms set up to enhance communication between the two contractors, which are now yielding positive results. After a rough start, the first couple of weeks the two prime contractors have worked out their territorial issues and are now working well together.

O. Singh: Is there a plan for PSD worker coordination at the construction site?

S. Hoey: Yes, There has been a significant amount of planning to assure that PSD staff that are supporting equipment installation beginning in February 2011 are adequately covered by work planning processes. A working group has been formed and are currently working on scoping the work, work controls, worker access, interface between PSD staff and contractors, training requirements, work site boundaries, emergency plans etc.

Action Item:

1. Post Management Review power point slides, minutes and PSD Objectives and Targets for FY11 to the Light Sources Directorate EMS/OSH web site – Ackerman/Hoey

APPROVAL (if required)	
Review Committee Chairman: Steve Hoey <i>(hardcopy signed and filed with Photon Sciences Quality Assurance Administrator)</i>	Date: 01/07/2011