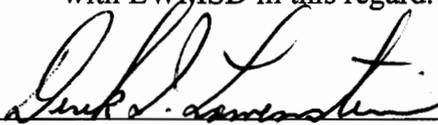


**Collider-Accelerator Department
Management Review
Record of Decision, September 15, 2004**

1. Continue to replace PCB capacitors at Linac and other locations at C-AD.
2. Continue to remove legacy waste from C-AD.
3. Continue the tritiated cooling-water system upgrades.
4. Complete the archival mapping of activated soil areas.
5. Perform more ergonomic reviews in work areas.
6. Continue to promote the repair of the Building 912 roof.
7. Improve material handling programs at C-AD. Develop manual-lifting guidelines to reduce overexertion injuries. Ensure hoisting and rigging are performed by qualified personnel with the requisite knowledge, ability, training and experience.
8. Continue to increase awareness of injuries related to overexertion, slips and falls, bodily reaction, and repetitive motion. Establish a liaison between C-AD and OMC to discuss causes of injuries and return to work opportunities.
9. Improve the fall-protection program.
10. Develop a system to identify and capture personal protective equipment costs.
11. Develop a Job Risk Assessment for demolition/decontamination work.
12. Continue to streamline and integrate the occupational safety and health, self-assessment and environmental management systems.
13. Continue to place water-impermeable membranes over activated soil areas.
14. Continue to increase worker involvement in the occupational safety and health programs (WOSH Committee, Safety Walk Program, Self-Evaluation Program).
15. Implement more effective housekeeping programs in the work areas.
16. Fire protection improvements are slow. There should be renewed emphasis on fire protection upgrades since it impacts safety and routine operations. Continue to promote the upgrade of aging fire-alarm panels at C-AD. Restart the stalled Fire Hazards Analyses program.
17. The Tier 1 inspection program has found and reported numerous repetitive OSHA violations (easy stuff, such as blocked electrical panels). The C-AD ESHQ Division should work with the WOSH Committee to suggest ways to implement a system to prevent repetitive violations.
18. The soil coupon program has been proposed to be used as a method to help justify cap installations. The soil coupon program must be considered carefully and have a high degree of confidence if used to determine the need for caps. The Department does not want to create future

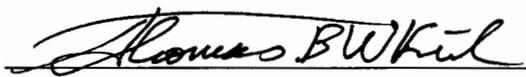
environmental issues. The soil coupon recommendation must be reviewed further by the C-A RSC.

19. Injury rates are not in line with DOE expectations. Encourage the Laboratory to expand the risk-based OSH management system (OHSAS 18001) Lab-wide. This would focus the staff to work on eliminating the causes of actual injuries being experienced at BNL.
20. Encourage the Laboratory and the Department to increase ESHQ staff productivity by eliminating low-value programs (e.g., FUA program, whole-body counting). Reducing the number and frequency of audits and audit questionnaires would increase productivity.
21. Encourage the Laboratory to develop a lab-wide program for safety and health review of all purchased items (e.g., rigging equipment) including purchase requisitions related to the procurement of safety and health items such as safety shoes and fall-protection equipment.
22. Encourage the Laboratory to develop an electrical equipment acceptance program for non-UL equipment.
23. Encourage the Laboratory to streamline lab-level safety reviews by Committees; e.g., a permit program could be used in place of a lab-level Committee review.
24. Jack Ellerkamp's weekly/monthly summaries of injury and illness statistics were useful. The Compliance Suite administrator should make available a report that provides the same information that was previously reported in the Ellerkamp reports.
25. There is a need to reduce stress levels at C-AD at the end of the fiscal year, and it is suggested that the time frame for NSF registrations be such that they do not coincide with start-up of the physics programs in September or October. The June time frame for ISO 14001 was a good choice this year.
26. Environmental and Waste Management Services Division's experience with outside analytical labs may be useful in providing improved service to BNL. Discussion should be implemented with EWMSD in this regard.



D. Lowenstein, Chairman, Collider-Accelerator Department

9/18/04
Date



T. Kirk, Associate Director, High Energy and Nuclear Physics

9/29/04
Date