

**Memorandum of Understanding  
BLIP and g-2 Cap Inspection Process  
June 25, 2007**

Summarized below is the cap inspection implementation process that was defined during recent meetings and discussions between Medical Department and Collider-Accelerator Department (C-A Department). The Environmental and Waste Management Services Division (EWMSD) coordinated these discussions.

1. Inspection Planning and Responsibilities:

- The Medical Department and C-A Department will separately determine the appropriate dates for the cap inspections, and the inspections will be planned and tracked using each departments' existing scheduling/tracking systems.
- The inspections should be scheduled at an interval of approximately every six months.
- C-A Department is responsible for inspecting and maintaining the g-2 cap (see ROD Figure 10).<sup>1</sup>
- The Medical Department is responsible for inspecting and maintaining the BLIP cap, which is the BLIP building structure and inspecting the surrounding impermeable areas.
- C-A Department is responsible for inspecting the adjoining "BLIP spur" cap.
- The jurisdictional boundary between the BLIP and BLIP spur cap will be defined and agreed to by both departments.

2. Responsibility for Cap Inspection Procedures and Records:

- In addition to the cap inspection criteria described in the Accelerator Safety Subject Area, each department will maintain standard operating procedures (SOP) that provide sufficient details related to the cap inspection process.
- Current Medical and C-A Department cap inspection SOPs shall reflect ROD requirements, as necessary.
- To facilitate and document the inspection process, each SOP will contain an inspection item check list.
- All inspection records shall be managed in accordance with the Records Management SBMS Subject Area, and shall be considered "Environmental Records."
- All inspection documents shall be made available for DOE and regulatory agency review upon their request.

3. Identity of Inspection Personnel:

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<sup>1</sup> Record of Decision for Area of Concern 16T g-2 Tritium Source Area and Groundwater Plume, Area of Concern 16K Brookhaven Linac Isotope Producer and Area of Concern 12 Former Underground Storage Tanks

- Each department will identify the person or persons required to conduct the inspections.
- Each department will identify at least one person to act as the “certifying expert.”
- The names and qualifications of the certifying experts will be submitted to organizations requesting this information.

4. Inspection Certification Process:

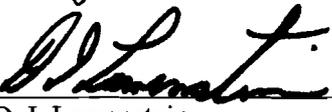
- By February of each year, the Medical Department and C-A Department will certify the findings of the preceding year’s cap inspections.
- When requested, the departments shall provide all necessary information to support the certification.

Department Concurrence:



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G.-J. Wang  
Medical Department Chair



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D. I. Lowenstein  
Collider-Accelerator Department Chair