



Procedure: C-A-OCF-595-BAF
Revision: 02
Revision Date: 02/26/04

COLLIDER-ACCELERATOR DEPARTMENT

Title: Operational Control Form For NSRL Operations

Prepared by: J. Scott

Group: ESH&Q

Approvals

_____ *Signature on File* _____ Date: _____

ESH&Q Division Head

_____ *Signature on File* _____ Date: _____

Collider-Accelerator Department Chairman

(Indicate additional signatures)

Y N
 x FS Representative: _____ Date: _____

x Radiological Control Coordinator: _____ Date: _____

x Chief ME: _____ Date: _____

x Chief EE: _____ Date: _____

x Environmental/P2 Coordinator: _____ *Signature on File* _____ Date: _____

x QA Manager: _____ Date: _____

x Other: _____ Date: _____

**BNL ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM**

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/>	COMPLETED BY: J. SCOTT DATE: FEBRUARY 26, 2004
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1. Operation(s):

NASA Space Radiation Laboratory

2. Activity(ies):

- Radionuclide production in soil
- Atmospheric discharges
- Liquid discharges
- Hazardous Waste generation
- Radioactive Waste generation
- Regulated Medical waste

3. Operational Controls (technological, operational, procedural operating criteria):

- Soil caps, see [Beam Loss Design Practice](#)
- Downgradient groundwater sampling
- [C-A OPM 8.20.2](#), Radioactive Waste Disposal
- [C-A OPM 8.20](#), Procedure for Handling and Disposal of Hazardous Waste
- [C-A OPM 2.28](#), C-A Procedure for Work Planning and Control for Operations
- [C-A OPM 10.1](#), Occurrence Reporting and Processing of Operations Information
- [C-A OPM 9.4.1](#), Tier I program
- Chemical Management System

4. Maintenance Plan(s):

- A soil-cap inspection procedure is contained in the C-A Facilities and Experimental Group Support procedures.
- Groundwater monitoring well maintenance plan, which is contained in the Site-Wide Groundwater Monitoring Plan
- Electrical maintenance, which is contained in C-A PD001 [Electrical Equipment/Systems Preventative Maintenance](#)

5. Actions to be Taken if Controls Fail:

- See [C-A OPM 3.0](#), Local Emergency Plan for the C-A Department
- Call Spill Response Hotline – X2222 or 911
- See [C-A OPM 10.2](#), Response To Tritiated Water Spills
- See [C-A OPM 10.1.d](#), Operator Response to C-A Water Spills

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<p>6. Records:</p> <ul style="list-style-type: none"> ▪ Operational Control Form ▪ Maintenance records ▪ Computer records of makeup cooling water ▪ Record of actions taken in cases of control failures ▪ Cooling water analytical data ▪ Process Assessment Forms / Corrective Action Tracking Database ▪ C-A Family ATS documentation on completion of Environmental Management Program, Section 10 Tasks ▪ Tier I inspection records

7. Responsibilities: (a) to ensure controls are in place; (b) to ensure controls keep working; (c) to take action when controls fail; (d) to create and keep records relative to operational controls

Name	Responsibility
BNL Medical Department	MOU in place for the Medical Department to handle all Regulated Medical Waste
C-A Control Room Operators	Report, respond to unexpected beam losses
Tier I Inspection Committee	Tier I Documentation
ESD	Groundwater Monitoring Program

8. Training:		
Name	Training	Date
Building Staff	See EMS Training package for this operation	N/A