



### COLLIDER-ACCELERATOR DEPARTMENT

Title: Operational Control Form for Tandem Van de Graaff Operations

Prepared by: R. Karol

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

<b>Operational Control For Significant Environmental Aspects</b>	<b>Completed By: R. Karol Date: March 3, 2004</b>
<b>1. Operation(s):</b> Tandem Van de Graaff Facility	
<b>2. Activity(ies):</b> <ul style="list-style-type: none"> <li>• Storage of chemicals</li> <li>• PCB equipment storage</li> <li>• Hazardous, industrial, radioactive waste generation</li> <li>• Radioactive airborne emissions</li> </ul>	
<b>3. Operational Controls (technological, operational, procedural operating criteria):</b> <ul style="list-style-type: none"> <li>• <a href="#">C-A OPM 8.20</a>, Handling and Disposing of Hazardous Waste</li> <li>• <a href="#">C-A OPM 8.20.2</a>, Radioactive Waste Disposal</li> <li>• <a href="#">C-A OPM 8.22</a>, Handling and Disposal of Non-Hazardous and Recyclable Solid Waste</li> <li>• <a href="#">C-A OPM 2.28</a>, Enhanced Work Planning</li> <li>• Secondary containment of stored waste</li> <li>• Chemical Management System</li> <li>• Tier I program and self-assessments</li> <li>• Applicable subject areas</li> </ul>	
<b>4. Maintenance Plan(s):</b> <ul style="list-style-type: none"> <li>▪ None</li> </ul>	
<b>5. Actions to be Taken if Control Fail:</b> <ul style="list-style-type: none"> <li>• Call spill response hotline – 2222 or 911</li> <li>• See C-A OPM 12.4, <a href="#">Chemical Spill Response</a></li> <li>• See C-A OPM 12.5, <a href="#">Emergency Notification List</a></li> <li>• See <a href="#">C-A OPM 3.0</a>, Local Emergency Plan For the C-A Department</li> </ul>	

## 6. Records

- Tier I Inspection records / Tracking Database
- Operational Control Form
- Process Assessment Form / Corrective Action, P2 Measures, and Assessment, Prevention & Control Initiatives Tracking Database
- C-A Family ATS documentation on completion of Environmental Management Program, Section 10 Tasks
- Logbook estimates for air emissions
- Satellite Area inspections 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
TVDG Operations Supervisor	Ensure proper collection and disposal of hazardous, radioactive or mixed waste, CMS updates
TVDG Operations Supervisor	Ensure that radioactive air emission levels are sampled as determined by the C-A ECR and BNL Radioactive Emissions Subject Matter Expert
Tier I Inspection Committee	Tier I documentation
C-A Waste Management Representative	Satellite Area inspection

## 8. Training:

Name	Training	Date
TVDG Operations Supervisor	Hazardous Waste Generator Radioactive Waste Generator	N/A
Building Staff	See also: <a href="#">EMS Training package</a> for this operation	N/A