

BNL-689-01  
Calorimeter Enclosure  
Approval to Construct/Modify  
Sources of Airborne Radionuclide Emissions

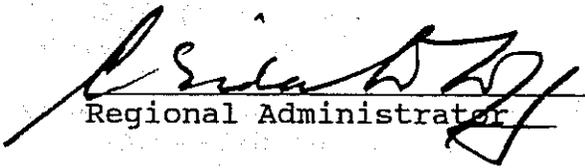
In compliance with provisions of the Clean Air Act, as amended (42 U.S.C. 7401 et seq.), the Department of Energy Brookhaven National Laboratory is granted interim approval to construct/modify source BNL-689-01, located at the Brookhaven National Laboratory in Upton, New York. This approval is granted in accordance with the plans and materials submitted with the applications and with Federal Regulations governing the National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61), Subpart H. Any conditions attached to this document are considered part of this approval.

Failure to comply with any conditions or terms set forth in this approval may result in sanctions available under the authority of Section 1-604 of Executive Order 12088, as well as enforcement procedures established by the Clean Air Act.

This approval to construct/modify grants no relief from the responsibility for compliance with other applicable provisions of Federal regulations. This approval shall be effective immediately upon receipt of the approval to construct/modify by the applicant.

Date

12/11/59

  
Regional Administrator

Approval Conditions

I. Emergency Notification

A. In the event of an accidental/unplanned release of radionuclides which leads to an air emission that may cause the standards of 40 CFR 61 to be exceeded, or may result in a health threat to the public, the DOE-BNL shall make timely notification to State, local and Federal agencies pursuant to conditions of existing emergency response notification plans.

B. Initial phone notification should include the time of the accident/release, location of accident/release, estimate of quantity release, emergency steps taken to contain/control the release, type of assistance needed, and the name and title of person reporting the incident. A brief written summary of the event shall be submitted to Director, Air & Waste Management Division (Attn: Radiation Program Manager) within 30 days of the event.

C. EPA Phone Notification - In Order of Preference

1. Region II - Radiation Program Manager  
Paul A. Giardina  
Work - 212-264-4418  
Home - 212-989-8509
2. Region II - Radiation Safety Officer  
Alan Fellman  
Work - 212-264-1316  
Home - 201-944-1730
3. Region II - Health Physicist  
Laraine Koehler  
Work - 212-264-0546  
Home - 201-627-0018
4. Region II - 24 Hour Emergency Hotline  
201-548-8730

D. New York State Radiological Health Contact

1. New York State Warning Point  
518-457-2200
2. Backup Number (New York State Police)  
518-456-6811
3. Director, New York State Bureau of Environmental Radiation  
Protection  
Dr. Karim Rimawi  
Work - 518-458-6461  
Off-Duty - 518-439-0865
4. Chief, New York State Environmental Radiation Section  
William Condon  
Work - 518-458-6459  
Off-Duty - 518-463-3704

## II. Approval Expiration

A. This interim approval to construct/modify will remain in effect until final approval is granted by the Regional Administrator or his designee. The approval to construct/modify is not transferable to another owner/operator.

B. The Department of Energy (DOE) may submit to the Regional Administrator (Region II Air & Waste Management Division Director) a written application for a determination of whether actions intended to be taken by the DOE/Brookhaven Area Office constitute a modification or construction of a source subject to the standard. The Regional Administrator will notify the owner/operator of his determination within 30 days after receiving sufficient information to evaluate the application (40 CFR 61.06).

C. If intended actions to be taken by the DOE/Brookhaven Area Office are determined to constitute construction/modification which affects existing approved sources, the new approval and conditions shall supersede and/or amend the existing approvals.

D. Updates in notification requirements and phone contacts supersede previous approval conditions.

## III. Notification of Startup

A. The owner/operator of each stationary source which will have an initial startup after the effective date of the standard shall provide written notification to the Administrator as follows:

1. The 30-60 day notification required for the BNL-689-01 (Calorimeter Enclosure) is waived.
2. A notification of actual BNL-689-01 source startup is required within fifteen (15) days of the startup date.

IV. Facility Operation/Maintenance

The facility owner/operator shall maintain all equipment, facilities, and systems installed or used to achieve compliance with the standard (40 CFR 61.92) in a manner consistent with good air pollution control practices for minimizing emissions.

V. Severability

The provisions of this approval to construct/modify are severable, and, if any provision of this approval to construct/modify is held invalid, the remainder of this approval to construct/modify shall not be affected thereby.

VI. Other Applicable Regulations

The owner/operator of the Brookhaven National Laboratory shall construct and operate the proposed source in compliance with all other applicable provisions of 40 CFR Parts 52, 60, and 61.

VII. Agency Notification

All correspondence as required by this approval to construct/modify shall be sent to:

U.S. Environmental Protection Agency  
Director, Air & Waste Management Division  
Attention: Radiation Program Manager  
26 Federal Plaza  
New York, New York 10278

