

3.25 Emergency Procedure for the NASA Space Radiation Laboratory

1. **Purpose**

The purpose of this document is to define the Local Emergency Plan (LEP) for the operation of the NASA Space Radiation Laboratory (NSRL), located in building 958. This local emergency plan will help to ensure:

- The safety of personnel
- Implementation of the appropriate emergency procedures contained in [C-A-OPM 3.0](#) and Section 5 of this document
- Prompt notification of appropriate personnel
- Maintenance of appropriate Collider-Accelerator emergency status
- Protection of the environment
- Preservation of BNL facilities and equipment
- Care and safety of animals used in scientific research at the NSRL

2. **Responsibilities**

2.1 Local Emergency Coordinator (LEC) - During the testing, commissioning, and operation of the NSRL, the Local Emergency Coordinator (LEC) will be the C-A Collider-Accelerator Support (CAS) Watch. The responsibilities of the LEC are described in [C-A-OPM 3.2](#).

2.1.1 The LEC is responsible for being aware of the Medical and/or Biology Department's Responsible Person.

2.2 The Medical and/or Biology Department's Responsible Person responsibilities shall include:

2.2.1 Acting as First Responder to incidents and responding to the Command Post.

2.2.2 Assisting in maintaining the NSRL facility in a safe condition.

2.2.3 Implementing all emergency responses outlined in the Procedures section of this document, or any additional instructions given by the Department Emergency Coordinator (DEC).

2.3 Medical and Biological Experiment Liaisons, and the C-A Department Liaison Physicist shall:

2.3.1 Ensure that personnel involved in NSRL operations are trained in all emergency and safety procedures.

2.3.2 Ensure that all postings of special instructions are complete.

2.4 The Medical Experiment Liaison responsibilities shall include:

2.4.1 Ensuring the care, handling, and health of animals used for scientific research at the NSRL.

3. Prerequisites

The NSRL, Medical, and/or Biology Department's Responsible Person shall have training in the following:

3.1 "Local Emergency Plan", [C-A-OPM 3.0](#).

3.2 All relevant equipment involved in the NSRL to ensure safe operations.

3.3 Knowledge of the physical layout of the NSRL experimental area (routes of egress, location of emergency equipment, telephones, controls, etc.).

3.4 Knowledge of the assembly areas:

3.4.1 Outside Assembly Area – parking lot

3.4.2 Indoor Assembly Area – Lobby of building 930

4. Precautions

The safety of personnel, experimental subjects, and the environment is of primary importance. In an emergency, all personnel shall take great care not to give instructions or information, which may place personnel, experimental subjects, or the environment at risk or harm.

5. Procedures

5.1 In the event of an emergency at NSRL (such as a fire, or notification of such by the CAS watch) individuals shall:

5.1.1 Pull the nearest fire alarm box if the alarm is not already sounding, then call 2222 or 911.

5.1.2 Evacuate all personnel, proceed to the outside assembly area, and await the arrival of the Fire/Rescue Group.

5.1.3 If it is possible, and reasonable to be required to maintain the safety and health of the research animals, and without putting personnel or property at risk, Medical Department will remove research animals from the NSRL Laboratory to the outdoor assembly area for transport back to the Medical Department.

5.1.4 If the emergency occurs during Collider-Accelerator operations periods, notify the Operations Coordinator (OC) at 4662 as soon as possible.

5.1.5 The LEC and Medical and/or Biology Department Responsible Person shall report to the Command Post upon arrival of the Fire/Rescue Captain. The Command Post is red vehicle designated Car-1, unless directed elsewhere by the F/R Captain.

5.2 If an unscheduled protest, notice of protest, or an animal activist threat occurs, the Security Office should be notified immediately at extension 2222 or 911. They will determine what action should be taken.

6. Documentation

None

7. References

7.1 [C-A-OPM 3.0, "Local Emergency Plan"](#).

8. Attachments

8.1 Layout of the NSRL

