BROOKHAVEN NATIONAL LABORATORY PHYSICS DEPARTMENT	Number: PO-P-ATF-0004 Effective: 08/12/2004	Revision: 1 Page 1 of 1
Subject: ATF Radiation Fault Response Procedure		Prepared by: Vitaly Yakimenko
Reviewed by ES&H Coordinator:	Approved by ATF Head:	Approved by Department Chair:

ATF Radiation Fault Response Procedure:

1. The ATF radiation alarm will be activated if any chipmunk shows radiation levels above **2.5 mR/hr**. ATF operator should close the photocathode RF gun laser shutter. If the radiation level is **lower than 5.0 mR/hr**, ATF operator should find out the location, and possible cause of the radiation. Actions, such as reduce charge of the beam, remove the objects in the beam line, adding more shielding should be taken to reduce the radiation. The incident should be recorded in ATF operations logbook

2. If the radiation level is **equal to or greater than 5 mR/hr and less than 20 mR/hr,** the ATF operator shall take no more than **10 minutes** to investigate the location and cause of the radiation. Proper measures should be implemented to reduce the radiation level below the safety level, otherwise ATF operation must be stopped and ATF safety officer and PO safety personnel notified.

3. If the radiation level is **equal to or greater than 20 mR/hr**, ATF operation must be stopped and ATF safety officer and PO safety personnel notified.