

Subject:	RF AND MICROWAVES		
Number:	PS-ESH-PRM-2.3.2	Revision:	2
		Effective:	04/30/12
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1. Potential hazards, controls and requirements to be followed regarding the use of non-ionizing radiation are detailed in the [Non-Ionizing Radiation Safety Subject Area](#). This Subject Area covers radiation with a wavelength longer than 100 nm for equipment such as portable RF/microwave emitters, particle accelerators, induction heaters, and certain power supplies.
 2. Inventories and surveys of sources shall be maintained by the Photon Sciences ES&H Coordinator in collaboration with the Electrical and RF Groups and may be updated as new equipment is commissioned.
 3. Significant changes in equipment require re-evaluation. Changes in the system such as routine maintenance and in-kind replacement of failed components, i.e., elements, do not trigger the need for re-evaluation
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[Inventories](#)

[Surveys](#)

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PHOTON SCIENCES DIRECTORATE REVISION LOG

Document Number:	PS-ESH-PRM-2.3.2	Revision Frequency
Subject:	RF AND MICROWAVES	3 Years

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Rev	Description	Date
01	Original Document. Replaces LS-ESH-PRM-2.3.2, rev.5. Added survey link.	2/24/12
02	Changed SBMS referenced Subject Area to match current name: Non-Ionizing Radiation. Changed Appendices so that one is the inventory, and one contains survey information. Updated NSLS-II project inventory.	4/30/12