SAFETY OBSERVATION REPORT

Observers: **P. Bond, E. Lessard, M. Zarcone**	**Date:** **3/22/07**	**Duration:** **1 Hr.**	**Instrumentation Division**	

Observation Categories	**Observation Questions:**
POS	In risky position relative to task? Exposed to risks of temperature/electricity/gas/chemicals/radiation? Protection OK?
ERG	Risks from: posture, repetitive motion, load, vibration, temperature, lighting, noise, work flow?
PPE	Correct PPE? In safe condition? All parts of the body properly protected?
T&E	Is tool, equipment or facility right for the job? In safe condition? Used correctly?
PRO	Is there a standard procedure? Is procedure adequate? Up to date? Understood? Followed?
ORD	Is workplace orderly? Adequate space? Is there a place for all materials and equipment? All in its place?
ASF	No unsafe acts or conditions identified

Work Area or Location	**Number of Contacts**	**Description of unsafe acts**	**Observation Category**	**Follow-up Action**	**Person Responsible**	**By Date**
Building 356	3	**Positive:** Researchers very aware of radiation hazards and have good procedures and redundant interlocks to prevent accidental exposures.				
		No unsafe acts witnessed, however, there were a number of conditions that are Tier I violations that need attention before the IMS Audit this summer.	T & E			
		1. Infrastructure needs improvement – particularly the air conditioning units in the high bay area and some lighting in the labyrinth and source area.	PRO	1. Recommended the department give this a higher priority – P. Bond may be able to help	B. DiNardo	4/23/07
		2. Internet cable tie-wrapped to stand pipe needs to be moved	PRO	2. Remove and re-route.	B. DiNardo	4/23/07
		3. Need satellite area	PRO	3. Establish one	B. DiNardo	4/23/07
		4. Lights in main building indicating Source raised/lowered should be reviewed for re-connection	T & E	4. Re-evaluate	B. DiNardo	4/23/07

		5. Lifts (2) not in inspection program	ORD	5. Contact J. Hynan	B. DiNardo	4/23/07
		6. reduce combustible loading	PRO	6. Remove unnecessary equipment and flammables	B. DiNardo	4/23/07
		7. Arc flash hazard signs needed in lab areas	ORD	7. Contact Plant Engineering Group	B. DiNardo	4/23/07
		8. Trip hazards – many cables on floor	T & E	8. Remove cabling from floor or reroute or cover	B. DiNardo	4/23/07
		9. Electrical equipment racks need to have a grounding strap	ORD	9. Ground racks	B. DiNardo	4/23/07
		10. Access obstructed in some areas	PRO	10. Keep aisles clear	B. DiNardo	4/23/07
		11. No emergency procedures posted	T & E	11. Post procedures for emergencies	B. DiNardo	4/23/07
		12. Many bare Pb bricks with obvious oxidation – need IH assistance for monitoring and assessment.	PRO	12. Contact B. Selvey, purchase painted bricks.	B. DiNardo	4/23/07
		13. Some exposed conductors	PRO	13. Evaluate and cover as needed	B. DiNardo	4/23/07
		14. Grounding strap – is it connected to anything? The strap goes through a doorway where there is potential for cutting or severing.	PRO	14. Make sure strap is properly grounded and remove from door passage	B. DiNardo	4/23/07
		15. Pressurized air tank – Does it conform to the new pressure safety subject area? Has relief valve been maintained?	PRO	15. Check subject area	B. DiNardo	4/23/07
		Researchers seemed not completely aware of the lab requirements for many of the above violations.		Make sure this area is covered under a Tier I program and violations are explained to the personnel.	V. Radeka	4/23/07
COMMENT:						