



Memo

date: February 11, 2004
to: M. Bannon, S. Gill, P. Sparrow
from: A. Piper
subject: Tier I Safety Inspection Report

A Tier I Safety Inspection of the shops, labs, basement, pump room and westinghouse areas within building 911 was conducted on February 5, 2004 by R. Karol, R. Lockey, A. Piper, P. Sparrow, M. VanEssendelt and J. Young. These areas require semi-annual Tier 1 Safety Inspections.

Twenty findings and/or maintenance items were noted during this inspection. The committee performed checks for possible overheating of electrical panels in accordance with OPM 2.10 and found no deficiencies during this inspection. The committee performed random checks within the subject areas for possible unregistered sealed sources and found none during this tour.

Routine priority violations require a sixty-day response from the date of issue. Closure requirements are indicated by the due date assigned to the individual action items.

cc: R. Karol
P. Kelley
E. Lessard
D. Lowenstein
D. Passarello
P. Pile
D. Ryan
J. Sandberg
J. Scott
J. Tuozzolo
M. VanEssendelt

Number	Title	Family Name	Owner	Key Word	Description	Due Date
2101.1.1	Building 911C	C-A-ESH	Venegas Jr, William	Chemical safety	In the tech. Lab., there are several bottles of alcohol which are not labeled as required.	4/10/2004
2101.1.2	Building 911C	C-A-ESH	Venegas Jr, William	Flammable liquid storage	Many small bottles of alcohol are utilized in this shop and should be stored in a flammables cabinet when not in use. Order a small flammables cabinet and use this cabinet to store flammable liquids in when not in use.	4/10/2004
2101.1.3	Building 911C	C-A-ESH	Sparrow, Paul	General safety	At the south end of room # 311 in this building, the cover on the fluorescent ceiling fixture is falling off. Contact MMC to resecure this light cover.	4/6/2004
2101.1.4	Building 911	C-A-ESH	Sparrow, Paul	Machine safety	In the basement of this building, the double wheel bench grinder requires the following repairs: the rest on the left side requires a gap adjustment (should be 1/8") & the left side requires a tongue guard (missing). Repair this grinder as required.	4/6/2004
2101.1.5	Building 911	C-A-ESH	Sparrow, Paul	General safety	In the basement of this building, along the south wall, the small equipment "pit" creates a hazard for personnel walking in this area. Install a visible boundary system around the perimeter of this "pit" to alert personnel.	4/6/2004
2101.1.6	Building 911	C-A-ESH	Sparrow, Paul	Flammable liquid storage	In the basement of this building, the A/C technicians use many flammable solvents in daily operations. These flammable liquids require storage in an approved flammable storage cabinet. Obtain a flammable liquid storage cabinet for use in this area.	4/6/2004
2101.1.7	Building 911	C-A-ESH	Hynan, John	Lifting equipment safety	In the basement of this building, the following lifting devices require inspection: The portable equipment lift; the small equipment hoist attached to the rectifier cabinet (this device may require tagging "out of service").	4/6/2004
2101.1.8	Building 911	C-A-ESH	Zapasek, Ronald	General safety.	In several locations within the power supply group tech. shop, the compressed air lines are not labeled. Label compressed air lines in this shop area.	4/9/2004
2101.1.9	Building 911	C-A-ESH	Nehring, Thomas	Electrical concerns.	In the north-east corner of the power supply group tech. shop, the 480 volt breaker panel requires legend completion.	4/9/2004

2101.1.10	Building 911	C-A-ESH	Gill, Stephen	Compressed gas cylinder safety	In the RMA area at the west end of the vacuum lab., there is a compressed gas cylinder of nitrogen with no protective cap in place. Install protective cap on this cylinder.	4/9/2004
2101.1.11	Building 911	C-A-ESH	Nehring, Thomas	Electrical code compliance.	In the vacuum lab., located in this building, there are several locations where floor mounted transformers partially block the electrical disconnects/circuit breaker panels. Relocate transformers to clear a path to these disconnects (Long-term modification).	8/9/2004
2101.1.12	Building 911	C-A-ESH	Sparrow, Paul	General safety	In the high bay located across from the main control room, the guardrail system located on the perimeter of the storage loft is loose in several locations. Repair this guardrail as required.	4/9/2004
2101.1.13	Building 911	C-A-ESH	Sparrow, Paul	General safety	In the high bay located across from the main control room, there is a protrusion (support/conduit) located on the floor just west of the machine shop, which creates a trip hazard. Mark off (paint and/or tape) this protrusion to alert personnel to its presence.	4/9/2004
2101.1.14	Building 911	C-A-ESH	Sparrow, Paul	Environmental safety	In the high bay located across from the main control room, there are two rigid lines and one flexible line extending into the sink (and draining into the sink?). Determine the source of these (drain lines?) and advise.	4/9/2004
2101.1.15	Building 911	C-A-ESH	DeBoer, John	Chemical safety	In the pump room in this building, the following containers require labeling as to their contents: white 5 gal. container located in the south-east corner; blue 55 gallon drum located in the RMA area along the east wall.	4/9/2004
2101.1.16	Building 911	C-A-ESH	DeBoer, John	Fire safety	The pump room located in this building does not have an "oily rag" container in place. Order an NFPA approved container for this purpose and locate it in this area.	4/9/2004
2101.1.17	Building 911	C-A-ESH	Bannon, Michael	Life safety concerns	The emergency exit located on the loft area of the westinghouse section of this building requires the following modifications: Install a chain guard across the opening of the emergency exit deck; remove the portable chain ladder lying on the cable tray area adjacent to the emergency exit deck.	4/9/2004
2101.1.18	Building	C-A-	Sparrow,	Hazardous	Along the north wall of the westinghouse	4/9/2004

	911	ESH	Paul	waste remediation	area loft section (at the floor level), there are asbestos tiles in place. Contact MMC to remove these asbestos tiles from this location.	
2101.1.19	Building 911	C-A-ESH	Bannon, Michael	Electrical safety	In the westinghouse area of this building, there are multiple 500MCM cables lying on the floor open-ended. These cables require taping of open-ends and labeling with disconnected cable tags as required.	4/9/2004
2101.1.20	Building 911	C-A-ESH	Sparrow, Paul	Emergency eyewash	The emergency eyewash located in the westinghouse area requires adjustment. Contact MMC to adjust this emergency eyewash.	4/9/2004