



Date: February 4, 2010

To: Jeff Kingsley
Russ Warner

cc: Karen Kenagy
Frank Demer
Responsible individuals

From: Dale Webb

Re: Steward Observatory Cherry Ave
Site Safety Inspection
February 4, 2010

SUMMARY

On February 4, 2010, Dale Webb and Russ Warner made a safety inspection of the Steward Observatory building and the annex. We took responsible individuals with us for the inspection if we could find them, and I am sending copies of this to the persons who are responsible for making corrections and to those who were not available at the time of inspection.

As of this inspection there were 9 open items that had been fixed and 7 open items that remain open. We found an additional 12 items that are in need of correction. As a special note, we thank Chris Walker for actions taken in his lab. It is safe to state that everyone does appreciate having a clean, safe work area, not just the safety people!

As a general note, there are still a lot of hallways that are crowded because of old "Stuff" and junk along the walls. If you have stuff in your hallway, please call Paul Oconnor at 307-0922 and he will assist you in getting rid of it. Much of the "stuff" looks like old computers and other old equipment, and boxes. Let's get rid of it.

The results of this inspection along with comments from this inspection are shown below in bold print. The new problems at this inspection are also shown in bold print for your convenience.

| Room # | Safety item/concern | Abatement status |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | | |
| N101 | Gas bottle on floor, not chained | Done |
| N129 | Two electrical panels blocked by table or cart and stuff | |
| | | |
| 6B-Annex | Emergency Light across from 6B does not operate Russ | |
| 23A-Annex | Drill press should be bolted to floor Brian Duffy | |
| | | |
| N 109 | There is no emergency lighting system in this room and it is very crowded and high tech. At least one should be located near one of the three exits--- Russ | Same |
| | | |
| 174 | Emergency light in hall across from room 174 is not operating Russ | |
| | | |
| N109 | Chemicals on the blue cabinet should be in a cabinet | Done |
| | | |
| | Since there is no longer chlorine gas in the Blue Cabinet, a new label should be made to state that what is in the cabinet is Nitrogen Tri Flouride | Done |
| | | |
| | There is a large 3 phase 75KVA shut off switch that is blocked by a table full of stuff | Done |
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| | There are no obvious MSDS sheets near the chemicals | Done |
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| | | |
| 152 | Above the door to room 152 there is a cable tray | Same |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| | that needs a firestop installed Tom Folkers | |
| 105 B | Emergency light not working | Done |
| | | |
| | | |
| 154 | The hallway opposite room 154 has a cable tray through the wall without a fire stop installed--- Tom Folkers | Same |
| | | |
| 265 | Electrical breaker on the west wall is inaccessible | Done |
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| 281 | Clean Room has plastic on ceiling making the sprinkler system in-operable | |
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| | | |
| N411 A | Laser hazard sign on door, but no obvious laser inside. Room needs cleanup and sign removed.....Matt Rademacher | Same |
| N431 | Electrical cords across floor—tripping hazard | Same |
| N-404 | Wall clock not working--Russ | Done |
| | | |
| 469 | Emergency Light not operating Russ | |
| 457 | Data cable and electrical box on floor across walkway creates tripping hazard | |
| | | |
| 581 &581-A | Drill Press and band saw should be permanently bolted to floor once the ideal location is determined | |
| | This lab area is generally quite cluttered with several tripping hazards | |
| 553 | Door frame needs to be repaired— Matt Rademacher.....Russ | Same |
| | Electrical conduit on west wall has several bare electrical wires protruding. I hope and presume it is shut off at a breaker somewhere but must not be left like this even if it is. Matt Rademacher | |
| | The carpet near the north entrance to this lab | |

| | | |
|---------------|-----------------------------------------------------------------------------------------------------|-------------|
| | should be glued down to prevent a tripping hazard | |
| 584 | Temporary clean room needs to be dismantled | Same |
| 583 | Emergency light not working near room 583-Russ | Done |
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| N-Roof | Broken glass on roof should be cleaned up | |
| N-Roof | Radio telescope dish should be chained to guard rail to keep from flying in very strong wind | |
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