



Date: October 2, 2008

To: Tom Folkers

Bob Moulton

cc: Lucy Ziurys

Jeff Kingsley

Karen Kenagy

Russ Warner

Frank Demer

From: Dale Webb

Re: SMT Site Safety Inspection

October 1, 2008

SUMMARY

On Wednesday, October 1, 2008 a safety inspection was made by Tom Folkers and Dale Webb at the SMT Telescope. Of the five open items from the last inspection, four have been corrected. The one open item (tie off attachments) probably cannot be safely corrected until a large man lift is brought to the telescope. Two new items were noted at this inspection as shown below.

At this inspection we looked at the rotating propane line and discussed the situation. About a week ago Bob Evans, or one of his employees from Arizona Propane in Phoenix inspected the rotating line and evaluated the conditions and will get back with a recommendation on the situation. In the meantime, there is a gas detector at the junction point of the rotating propane line at both the top and the bottom of the line. Tom said that if there is a leak, the detector sends out an audible alarm and shuts off the gas. Tom believes that he could program the detector to send out an email message to all concerned parties if the detector goes off. I think we should wait for the recommendation from Arizona Propane to decide on the next step, if any is required. The rotating line is 17 years old, but appeared to be in excellent condition with no cracks or rot evident, and it is enclosed in a protective cover and actually rotates very little and not very often.

As noted above, one item left from previous inspections is the addition of tie off points on the door platform. This was not accomplished, because there was no man lift brought in during the summer to install door seals and weld on the tie off points. It is only a safety issue if someone has to go up in this area. I think in the past they were tying off to non safety metal cablesNot good

The crane situation is solved partially and usable but I am leaving a reference in the write up so we do not forget it. The door crane failed certification because of weight considerations and that crane has been permanently locked out with a very visible lock. It could use a tag on the hand controller stating that it is not to be used. As I understand things, the other crane has had the emergency stop replaced and has been certified for use as of about two months ago.

SUMMARY-SAFETY INSPECTION OF SMT TELESCOPE. Items from October, 2008 inspection are shown in bold print

Item Noted	Abatement Date
Weld tie off attachment on door platform	Same
Door and outside Both cranes failed to receive certification.	See writeup. One locked out. Count as Partly Done
Tool rests on grinder should be adjusted closer to wheel and guard to be replaced	Done
Move Propane tank from center to ventilated area or outside	Done
One of two bulbs burned out on emergency light in control room	Done
LN Tank in entrance should be moved to ventilated area	Done
New items as of October, 2008	
Emergency light in lower level utility room is burned out	
One light is burned out of computer room emergency light	