

# ACTION TO MAINTAIN RB PRESS

12

## NEGATIVE

DIVISION X-8265  
- STANDING ORDER

~~EXEMPT~~  
#104

TMI-1 Standing Order  
Rev. 2- Issued 11/27/09 @ 03:45

This order applies any time the Containment Liner Plate is breached and is applicable to all station personnel, including but not limited to Operations, Maintenance., SGT, Shaw, Rad Pro and Chemistry

I/C  
- VELD  
- AMMOMETER  
- TATED AT  
DIFFERENT  
LOCATIONS  
OF CONSTRUCTION  
OPENING  
TWO  
CURTAINS  
IN EQUIPMENT  
HATCH

- 1) Operations will maintain RB Purge Exhaust flow in order to maximize air inflow thru the RB Openings (both the Equipment Hatch and the RB construction opening)
- 2) If at any time airflow is observed by any personnel to be out of the RB openings, notify the Operations Control Room Supervisor (x8071).
- 3) The Radiation Protection GRCS will ensure documented observation of air inflow/tarp inward deflection at a minimum of once every 6 hours by observing ribbon strips or tarp deflection at the RB openings (see attached table). In addition, once per day I&C will take airflow measurements at the construction opening and the equipment hatch.
- 4) All personnel will obtain permission from the Operations Control Room Supervisor (x8071) prior to changing the configuration of RB openings. Personnel may pass through the tarps without contacting Operations. They shall ensure the tarps are fully closed after each passage.
- 5) Prior to granting permission to manipulate RB openings, The Operations Control Room Supervisor will evaluate the following:
  - \_\_\_ Stable Purge exhaust
  - \_\_\_ Stable Aux and FHB exhaust flow
  - \_\_\_ Discuss with the duty RPM or the OCC RPM any radiological evolutions in progress or planned and ensure adequate controls are established to allow opening of containment
  - \_\_\_ The duty RPM or the OCC RPM will verify stable RB airborne activity
  - \_\_\_ Airborne activity monitors near RB openings are operating
  - \_\_\_ An RB opening closure plan is established that includes at a minimum, the supervisor responsible to close the opening, contact phone # and radio channel, and estimated time to close the opening
- 6) A continuous airborne radioactivity monitor capable of alarming shall be operating near the RB openings. This requirement can be waived by duty RPM provided the requirements of RAF 09-011 are met.
- 7) The Radiation Protection GRCS will ensure recording of airborne radiation monitor indications near the RB openings at a minimum of once every 6 hours (see attached table)

G/5

# MAINTAIN NEGATIVE RB PRESSURE

IF PRESS IS NOT NEGATIVE

---

If airflow exists out of an RB opening or if an airborne Radiation Monitor at an RB opening rises to  $\geq 0.3$  DAC, then perform the following:

\_\_\_ Discontinue work activities with potential to cause airborne contamination in the RB

\_\_\_ Evaluate radiation release impact

\_\_\_ Close the opening with outflow or if closure is not possible, document the time, airflow measurement/estimate, and duration of outward flow for evaluation of non-routine release

\_\_\_ Evaluate EAL's

\_\_\_ Generate IR

Six Hour Monitoring of RB Openings

Date/Time	Air Inflow or inward tarp direction @ Equipment Hatch Circle ribbon/tarp direction	Radiation Monitor Indication at Equipment Hatch In DAC Via AMS-3 or equivalent	Air inflow or inward tarp direction @ RB Construction Opening Circle ribbon/tarp direction	Radiation Monitor Indication at RB Construction Opening In DAC via AMS-3 or equivalent	Data Recorded By:
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		
	IN / OUT		IN / OUT		

Immediately notify the control room (x8071) if:

\_\_\_\_\_ Airflow/tarp direction is out of any opening or

\_\_\_\_\_ The radiation monitor reading at any opening rises to  $\geq 0.3$  DAC