OPERATING PROCEDURE
HYDRAUGER SYSTEM: PRE-FILTER FLUSHING

APPLICATION

Applies to Bldg. 51/64. This procedure outlines the steps for backflushing the pre-filters on the hydrauger systems located at Buildings 51 and 64. This procedure is a supplement to the Facilities Division Procedure *OPER-071-C: Building 51 Hydrauger System Operation.*

SPECIAL INSTRUCTIONS

- Anyone working in this area must have received radiation training.

WORK STEPS

1. Disconnect hoses on supply and outlet sides of pre-filters.
2. Reconnect supply hose to inlet side of carbon filters. This is a temporary measure only, allowing continuation of water flow into carbon filters and preventing feeder system back-up
3. Connect city water supply hose to outlet side of pre-filters.
4. Connect another hose to inlet side of pre-filters and discharge hose into empty 55 gallon steel drum. The steel drum is a receptacle for waste collected in pre-filters.
5. Turn on city water and let it circulate.
6. When the water is clear at discharge side, turn off city water.
7. Disconnect city water hose and reconnect supply hose to pre-filters and carbon filter drums.
8. Check for water flow.
9. Document the pre-filter backflush in the log book (attached to the system).
10. Label the waste drum as hazardous waste and store at the Bldg 81 door. EH&S will dispose of the waste drum.

REFERENCES

OPER-071-C: Building 51 Hydrauger System Operation

CONDITION CODE:

10 - No defects found
11 - Minor repair required
12 - Major repair required
13 - Replacement required

RESPONSIBILITIES AND CONTROLS

Rev. No.	SME/Title	REV/Title	Approved/Title	Date	Effective Date
1	Michael Botello Plant Maint Tech Lead	Larry Begley Maintenance Supervisor	Ken Fletcher Operations Department Head	6/11/09	6-11-09