Fire Protection

need central sprinkler system

alarm w/ pull boxes

port fire extinguishers

no fire wall in h.p. lab - only sheetrock

Bagged waste in rad waste area

2* Significant Findings

Summary

① Airborne

a. ventilation system adequate for hot cell

* sampling systems acceptable

DOP testing accross filter ok.

b. * negative pressure in LAA insufficient to ensure releases are contained when pressure boundary breached [roll-up door, windows open, etc.]

c. housekeeping in waste area

d. Courtyard contributors - walking ~~from waste area~~ by personnel ~~material brought into~~ working in hot cell

operations in rad waste

1.3 E-13 µCi/ml on exit HEPA filter → hot cell ventilation not major source

e. recs: reduce size of LAA to only those areas really needed.

- portable HEPA system in at hot cell operation during waste shipments
- cover courtyard!

② Waterborne

Contaminated releases to dry pond

N or RR tracks 18 pCi/g

A13

③ Sanitary Sewer - no Co

reporting values always higher than what real #'s are

not a current problem

rec: get a better sampling technique, but what they have now is OK!

Other:

rec. ① Counting system in lower pkg area

② Need an RSO!

Bottom line - not a real offsite hazard,

but a need for better controls

- L.P. practices poor