

Fire Protection

need central sprinkler system

alarm w/ pull boxes

port fire extinguishers

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

Bagged waste in rad ^{waste} area

2nd Significant Findings

Summary

1) Airborne

a. Ventilation system adequate for hot cell

• sampling systems acceptable

• Dop testing across 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 ^{by personnel} ~~from waste area~~ ^{material brought into} working in hot cell operations in rad waste

1.3E-13 uCi/m³ 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 hot cell ^{operation} during waste shipments

• cover courtyard!

2) Waterborne

contains releases to dry pond

N or RR tracks 18 pCi/g

A/B

③ Sanitary Sewer - no Co

regulator valves always higher than what real #15 are
not a current problem

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

Options:

rec. ② Contingency system in lower pkg area

③ Need an RSO!

Bottom line - not a real offsite hazard,

but a need for better controls

- L.P. practices poor