PLAINTIFF'S
EXHIBIT
DUP-1997

1-J Breathing Air

a. The plant purchases compressed air for its breathing air systems. Although each cylinder is checked for O_2 and CO content, there is no periodic check of the other Grade D breathing air parameters. It is recommended that the purchased breathing air be checked periodically for Grade D specifications.

b. The breathing air supplier was visited several years ago to inspect his operation but no followup contacts have been made to insure that operations continue as intially inspected. It is recommended that annual contacts be made to assure continued acceptable operations (See Engineering Standard S2H).

2-J Material Safety Data Sheets

The compilation of Material Safety Data Sheets should include maintenance chemicals and industrial cleaning agents. Household cleaning agents, consumer (not industrial) paints, inks, greases, etc., need not be included in the compilation. In laboratories, Material Safety Data Sheets or other equivalent safety monographs should be available for the followint chemicals used:

- materials used in pilot plants or process development operations.
- materials of moderate or greater health hazard purchased in bulk quantities by the storeroom.
- peroxidizable compounds.
- compounds known to cause strong skin reactions or irreversible eye injury and,
- other highly hazardous materials used on an average of more than once per month which have an exposure limit $\leq$10 ppm, $LC_{50} \leq$ppm/4 hr. or $LD_{50} \leq$50 mg/kg (oral rat).

3-S Radiation Recordkeeping

The records for the dosimeter monitoring do not contain the cumulative exposure with the exception of the exposure data for the nurses. It is recommended that the year-to-date exposure as well as the cumulative lifetime exposure be recorded. It should also be considered to issue assigned personal dosimeters for plant personnel which repeatedly has potential exposure, like the employees which do the radiation surveys.

4-S Calibration of Noise Level Meters

Several noise level meters and calibration sources are in use. Some comparison is made between sources calibrated by a vendor and others. But there is no schedule to have at least one source calibrated once a year and to have all other level meters as well as calibration sources compared with it. It is recommended that a formal schedule be introduced.

5-S Noise Limit

The noise boundaries are presently marked at 90 dBA. Since employees work 12-hour shifts, it is agreed that plans to mark hearing protection zones at 87 dBA be implemented soon.

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