

## APPENDIX H

### RADIATION SURVEY PROGRAM

A radiation survey program is required of those Applicants who will possess a radiation survey instrument in accordance with Item 13, "Radiation Detection Instruments". The program shall include provisions for determining the following:

- a. Radiation levels in **permanent** storage areas will be determined initially when a storage area is established, at least annually, and after any increase in the number of gauges stored in the area. These surveys will provide information for determining the radiation dose to members of the public.
- b. Radiation levels in the **temporary** storage areas will be determined initially when a storage area is established and after any increase in the number of gauges stored in the area. These surveys will provide information for determining the radiation dose to members of the public.
- c. Transport Index (TI) when transporting the gauge
- d. Source integrity following an incident involving the gauge (for example, gauge is "run over" by a construction vehicle).

Records of all radiation surveys shall be maintained for inspection purposes and shall be retained for at least 3 years following the date the record was created. The radiation survey record shall include:

- a. Location, date, and identification of radiation survey instrument used, specifically the serial number and date of last calibration.
- b. Name of individual performing the survey
- c. Drawing of area surveyed, identifying relevant features such as the gauge storage area, nearest occupied work area, etc.
- d. Measured dose rates (millirem per hour) keyed to locations on the drawing of the area.
- e. Corrective actions taken in the event unexpected dose rates are identified during the survey.