

12 Guidelines for Radiation Monitoring

Table 12.1 Guidelines for radiation monitoring^a

Before starting a job:

Complete radiation survey.

During the job:

Radiation Level mrem/h	Action
2 to 5	TLD ^b or film badge and low-range direct reading dosimeter. No further radiation survey.
5 to 100	TLD or film badge and low-range dosimeter. Intermittent beta-gamma surveys.
100 to 1,000	TLD or film badge and dosimeters with alarms. Area monitor with alarm. Periodic beta-gamma surveys.
1,000 to 10,000	TLD or film badge and alarming and high-range dosimeters. Area monitor with alarm. Periodic beta-gamma surveys of work area during work.

^aThese guidelines were prepared after consulting several utilities (see T.A. Khan and J.W. Baum, "Optimization of the Control of Contamination at Nuclear Power Plants", NUREG/CR-5038, February 1988) Superintendent of Documents, U.S. Government Printing Office, P.O. Box 37082, Washington, DC 20013-7982.

^bThermoluminescent dosimeter (TLD).