

Applicability

These specifications apply to the radiation monitoring information available to the reactor operator during operation of the reactor.

Objective

The objective of these specifications is to ensure that the reactor operator has adequate information to assure safe operation of the reactor.

Specifications

A Continuous Air Monitor (CAM) (with readout meter and audible alarm) to measure radioactive particulates in the reactor room must be operating during operation of the reactor.

The Area Monitor (AM) (with readout meter and audible alarm) in the reactor room must be operating during operation of the reactor or when work is being done on or around the reactor core or experimental facilities. During short periods of repair to this monitor, not to exceed sixty days, reactor operations or work on or around the core or experimental facilities may continue while a portable gamma-sensitive ion chamber is utilized as a temporary substitute, provided that the substitute can be monitored by the reactor operator.

Bases

The radiation monitors provide information of existing levels of radiation and air-borne radioactive materials which could endanger operating personnel or which could warn of possible malfunctions of the reactor or the experiments in the reactor.