



Adopted: 12/06/16

560 RADIOLOGICAL EMERGENCY PLAN

I. PURPOSE

In order to minimize health and safety risks to staff and students, the Wright Technical Center will distribute potassium iodide (KI) according to the Food and Drug Administration's recommended dosages in the unlikely event of, and potential exposure to, radioactive material from the Monticello Nuclear Generating Plant. Participation requires signed prior consent from a parent or guardian for children under 18 years of age authorizing administration (Authorization form attached). Staff and visitors within a participating school will also be offered KI at the time of dispensing. A KI distribution and administration plan designed by the school district shall designate trained individuals to dispense KI.

The Nuclear Regulatory Commission and the Food and Drug Administration have found potassium iodine (KI), an over-the-counter medication, if taken just prior to or within four hours of exposure to a radioactive plume from a nuclear generating plant, will block the uptake of radioactive iodine by the thyroid gland and reduces the risk of thyroid cancer. Children are the most vulnerable to the effects of this type of radiation and should be offered protection during a nuclear generating plant event. KI does not offer protection to any other part of the body except the thyroid and only from the uptake of radioactive iodine.

II. RESPONSIBILITY

- A. It shall be the responsibility of the Director to disseminate information needed to inform students, parents, staff and the community of the risks of the intake of radioactive iodine in the event of a release of radioactive material from the Monticello Nuclear Power Plant.
- B. In the event of a declaration of a General Emergency and the students are still within the 10-mile emergency planning zone around the Monticello plant, the Chief Medical Officer for the State of Minnesota, or his/her designee, will provide medical authorization for the administration of KI. The county emergency management agency will relay the authorization to the school district.
- C. Adequate doses of KI (pill and liquid forms) will be provided by the Minnesota Department of Public Safety Division of Homeland Security and Emergency Management at no cost to the school districts within 10 miles of each nuclear generating plant.

III. PROCEDURE

- A. KI administration will only occur in the unlikely event that timely evacuation of staff and students to designated sister schools is not possible. KI distribution may occur at school prior to evacuation, in a shelter-in-place situation or at a relocation site.

- B. School district procedure will include annual notification of parents, solicitation of signed authorizations, tracking students with and without signed authorizations, training of the KI distribution team and teaching staff, documentation of KI administration, storage, and the quarterly monitoring of the integrity of the KI and associated materials.