

## **USE OF POTASSIUM IODIDE, KI, IN THE EVENT OF A NUCLEAR ACCIDENT**

### **I. PURPOSE**

The Nuclear Regulatory Commission and the Food and Drug Administration have found potassium iodide (KI), a non-prescription medication, if taken just prior to or within four hours of radiation exposure, blocks the thyroid gland uptake of radioactive iodine and reduces the risk of thyroid cancers and other diseases. Children are the most vulnerable to the effects of this type of radiation and should be offered protection during a nuclear emergency. KI does not offer protection from other types of radiation exposure or other hazards that may occur in a nuclear emergency.

### **II. GENERAL STATEMENT OF POLICY**

Big Lake Schools 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 Monticello Nuclear Generating Plant. Participation requires signed prior consent from a parent or guardian for children under 18 years of age authorizing such administration. All staff and visitors within a participating school at the time of dispensing may also be offered KI. Potassium Iodide will be distributed by a trained individual as designated in the KI distribution plan.

### **III. NUCLEAR EMERGENCY**

- A. In the event of an emergency at the Monticello Nuclear Generating Plant, Big Lake students will be evacuated directly to sites identified in the Student Handbook
- B. In order to expedite the safe evacuation of our students, parents will be reunited with their child/children at the evacuation sites
- C. Parents should NOT come to Big Lake Schools if an evacuation is in process