Attachment 2:
FEMA Guidelines For Potassium Iodide Program Implementation
For the Use of Potassium Iodide by the General Public

CONTENTS:

FEMA GUIDANCE ON THE USE OF POTASSIUM IODIDE BY THE GENERAL PUBLIC FOR COMMERCIAL NUCLEAR POWER PLANT ACCIDENTS

The Federal Emergency Management Agency (FEMA) believes that potassium iodide (KI) can be an effective supplement to sheltering and evacuation in the unlikely event of a release of radioactive iodine as a result of a commercial nuclear power plant accident.

The decision to include KI in the range of public protective actions rests with the States. FEMA is available to assist States with the decision making process and has developed a decision matrix to aid in that process. There are two basic methods of distribution: (1) pre-distribution to the public and (2) stockpiles in facilities such as reception or mass care centers. Based on the distribution method adopted by a State, the capability to implement the decision will be evaluated by FEMA as part of its "Reasonable Assurance Finding" recommendation to the NRC.

The evaluation of a State's capability to distribute KI to the general public can be achieved through the Annual Letter of Certification, when KI is pre-distributed, and/or a combination of Staff Assistance Visits and biennial exercise demonstrations, when KI is in a fixed facility.

If a State chooses to include KI in its range of public protective actions, we recommend that the State immediately prepare a procedure as to how it would disseminate the KI, if needed. The State must complete and submit revised plans and procedures, public information materials, and prescripted emergency instructions to the public by the end of the calendar year in which the State submits an application for the receipt of KI. Because States are not required to have their emergency plans revised prior to receipt of KI tablets, the tablets should be stored in convenient locations for ad hoc distribution, should that become necessary.

The capability to distribute KI tablets to the general public will be demonstrated by all Offsite Response Organizations (ORO) during the first exercise following the submission of plans and procedures (but no sooner than 90 days); and, thereafter, OROs will demonstrate their capability as specified in the frequency of demonstration table for the evaluation areas.

OROs will address any issues regarding the distribution of KI to the general public in their Annual Letter of Certification, including the number of KI tablets issued or reissued during the previous year. Specific plan review requirements are attached.

PLAN REVIEW REQUIREMENTS REGARDING THE USE OF POTASSIUM IODIDE BY THE GENERAL PUBLIC

The plans and procedures submitted by the States need to:

- Address legal authority
  - Identify the person with the legal authority to made the decision to recommend the ingestion of potassium iodide (KI) by the general public
- Assign responsibility for implementing the KI decision
- Specify decision criterion (projected dose, actual release data)
- Identify eligibility criteria for issuance
- Describe the distribution method (pre-distribution to resident population only, distribution at an Offsite Response Organization [ORO] facility, or distribution to a special segment of the population only)
- Specify procedure to determine the quantity of pills needed
- Specify procedure to ensure that the supply of KI is sufficient for the Emergency Planning Zone population, including the estimated transient/seasonal population, that may be advised to take KI
- Identify ORO procedures to request, store, monitor and safeguard, dispense (to include, if applicable, tracking who received the drug, when, in what quantity and maintenance of waivers from liability), and dispose of KI stocks
  - ___Provisions should include the availability of adequate quantities, storage, and means of the distribution of radioprotective drugs (NUREG 0654/FEMA-REP-1, Rev.1 Planning Standards E, J, and N)
  - ___Available supplies of KI are within the expiration date indicated on KI bottles or blister packs or there is appropriate documentation extending the shelf life
- Describe the method to alert and notify the general public of the decision to recommend that they ingest KI
  - ___Review Alert and Notification system
  - ___Review and approve pre-scripted Emergency Alert System message and/or news advisories
  - Review and approve public education materials to include brochures, calendars, newspaper inserts, telephone book inserts

Checklist for items covered in the instructions:

____ Groups and location of people advised to take KI
____ Reason for taking KI
____ Dosage and time period within which KI should be taken
____ Information on where KI can be obtained or how it will be distributed
____ Possible side effects (Check with your doctor before taking KI)
____ Other (Specify)_____