



THE STATE OF TENNESSEE
TENNESSEE EMERGENCY MANAGEMENT AGENCY
EMERGENCY OPERATIONS CENTER
MILITARY DEPARTMENT OF TENNESSEE
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September 21, 2004

Mr. Tim McGinty
Section Chief, Inspection and Communications Section
Emergency Preparedness Directorate
Division of Preparedness and Response
Office of Nuclear Security and Incidents, U.S. NRC
Washington, DC 20555

RE: Request for Potassium Iodine (KI) for 2005 (223,237 Courses of 65 mg)

Dear Mr. Tim McGinty

The attached calculations determine the amount of Potassium Iodine (KI) the State of Tennessee needs to replenish stocks due to expire in March of 2005. Following discussion with the State of Tennessee's Department of Health and NRC's Patricia Milligan, we request the following issue of 223,237 Courses (65 mg) for the Sequoyah and Watts Bar EPZs:

- Total for Population for the Sequoyah and Watts Bar EPZs = 220,272 Courses (4 tablets per packet) for (2) days
- Total for Emergency Workers for the Sequoyah and Watts Bar EPZs = 2,965 Courses (4 tablets) per kit for (2) days
- Total for Population and Emergency Workers = 223,237 Courses (4 tablets per packet) for (2) days

NOTE: The total represents two (2) days for each person to receive by prescription orally. The dosage is by adult and children in whole 65 mg or by fraction of 65 mg. The request is for 65 mg ONLY! The following table applies:

Adult tablet per day – 2 x 65 mg = 130 mg per day

Children over 3 years to 18 - $\frac{1}{2}$ tablet - 65 mg per day

Infants over 1 month to 3 years - 1/4 tab - 32 mg per day

Newborns thru 1 month - 1/8 tab - 16 mg per day

The Health Department for the State of Tennessee believes following the above table with the availability of the requested quantities will ensure sufficient protection for the effected population and emergency workers responding to the nuclear incident.

Thank you for your continued support of the State of Tennessee. Our ability to protect the public, to include provision for KI as one additional protective action is very important to Tennessee's emergency response capability. We enjoy the benefits of safe nuclear power by your vigilance as a regulatory agency, TVA's commitment to a first rate safety record and FEMA's dedication to support Tennessee's off-site response.

Sincerely,



Matt McKnight

MMcK:gnl

Enclosure

Cc: NRC, Region IV

FEMA, Region IV

Mr. Joseph B. Phillips, Jr.

Dr. Ruth Hagstrom

Mr. Cecil Whaley

Mr. Robert Cayler