



STATE OF MICHIGAN

DEPARTMENT OF COMMUNITY HEALTH

LANSING

JENNIFER M. GRANHOLM
GOVERNOR

JANET OLSZEWSKI
DIRECTOR

February 8, 2008

Mr. Melvyn Leach, Director
Division of Preparedness and Response
Office of Nuclear Security and Incident Response
MS:T32M
U.S. NRC
Washington, DC 20555

Dear Mr. Leach:

The state of Michigan has completed a multi-year, multi-agency process of considering the prophylactic use of potassium iodide (KI) as a protective measure for the general public in the plume exposure pathway Emergency Planning Zones (EPZ) of our three nuclear power plants. The Michigan Department of Community Health, the lead public health agency in Michigan and the lead agency designated by the Michigan Emergency Management Plan for potassium iodide policy for nuclear power plant emergencies, has concluded that the KI should be made available to the general public.

Accordingly, we are requesting a supply of KI in the 65 mg dose size for the 10 mile EPZs for Michigan's three power plants. The plants and their estimated populations (resident and transient) in the 10-mile Emergency Planning Zones are as follows:

- 1) Palisades Nuclear Plant, Covert Township, Michigan – 36,097 adults; 12,032 children
- 2) D.C. Cook Nuclear Plant, Bridgman, Michigan – 117,232 adults; 39,077 children
- 3) Fermi 2 Power Plant, Newport, Michigan – 92,410 adults; 30,804 children

The total estimated population, including residents and transients in the 10-mile EPZs for these plants is 327,652, including 245,739 adults and 81,913 children.

These estimates were derived from evacuation studies completed for each plant in the past three years and assume that children comprise 25% of the total population.

The contact person authorized to receive the shipment and the "ship to" address is:

Peter Coscarelli
Office of Public Health Preparedness
Michigan Department of Community Health
927 Terminal Road
Lansing, Michigan 48906

Mr. Melvyn Leach, Director
Page 2
February 8, 2008

For questions regarding this request, please contact Martha Stanbury at 517-335-8364 or stanburym@michigan.gov. Thank you for assisting the state of Michigan in its emergency preparations around our nuclear power plants.

Sincerely,

A handwritten signature in black ink that reads "Janet Olszewski". The signature is written in a cursive style and is positioned over a rectangular area with a light gray, dotted background.

Janet Olszewski
Director

JO:ms

cc: Col. Peter C. Munoz, Director, Michigan State Police
Steven Chester, Director, Michigan Department of Environmental Protection
Martha Stanbury, Manager, Michigan Department of Community Health