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*Promoting and protecting the health of the public and the environment.*

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May 12, 2006

Nader Mamish  
Director, Emergency Preparedness Directorate  
Mail Stop O6-H2  
U.S. NRC  
Washington, D.C. 20555

Dear Mr. Mamish:

This correspondence is in reference to Janet R. Schlueter's letter dated November 10, 2005 regarding requests for potassium iodide in liquid form, brand name ThyroShield.

Under the South Carolina Operational Radiological Emergency Response Plan, the South Carolina Department of Health and Environmental Control (SCDHEC) is the lead state agency for radiation emergency responses and is responsible for coordinating the distribution of KI to the general public and emergency workers.

Based on Year 2000 Census data and adjustments for the population increase since that time, SCDHEC estimates that 20,000 individuals under the age of 10 years reside in the 10-mile Emergency Planning Zones of the H.B. Robinson Nuclear Plant, V.C. Summer Nuclear Station, Oconee Nuclear Site, Catawba Nuclear Station, and Vogtle Electric Generating Plant. It is recommended that, for the purpose of stockpiling liquid form KI, two doses be allowed for each of the subject individuals. Taking waste into account, a single 30 ml (30 cc) bottle of ThyroShield should yield twenty (20) average pediatric doses. Based on these figures, the State of South Carolina is requesting two thousand (2,000) - 30 ml (30 cc) bottles of ThyroShield for stockpiling. The state's current distribution and administration procedures for KI tablets will be modified to accommodate the unique aspects of distribution and administration of KI in liquid form.

The shipping address for the purpose of this request is as follows:

Mr. Michael Shealy  
Bureau of Land and Waste Management  
Stern Building  
8911 Farrow Road  
Columbia, South Carolina

The South Carolina points of contact for this matter are:

|                             |                         |                |
|-----------------------------|-------------------------|----------------|
| Administrative/ procedural: | Sandra Threatt          | (803) 896-4095 |
|                             | Michael Shealy          | (803) 896-4009 |
| Medical Issues:             | George "Tom" Fabian, MD | (803) 898-0316 |
| Media Contact:              | Thom Berry              | (803) 898-3885 |
|                             | Stephen Hudson          | (803) 896-4000 |

Thank you for the opportunity to obtain this supplemental resource for South Carolina's nuclear preparedness and response activities.

Sincerely,



C. Earl Hunter  
Commissioner  
SC Department of Health and Environmental Control

cc: D. Calvert, SCDHEC  
B. King, SCDHEC  
L. Waddell, SCDHEC  
T. Berry, SCDHEC  
H. Porter, SCDHEC  
S. Threatt, SCDHEC  
M. Shealy, SCDHEC  
T. Holland, SCDHEC  
S. Hollingsworth, SCDHEC  
G. Fabian, SCDHEC  
R. Osborne, SCEMD  
R. Trojanowski, USNRC  
P. Milligan, USNRC