

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

11A 8A Chestnut Street Towers

August 22, 1989

Mr. Eugene Wright
Moccasin Bend Pumping Station
Moccasin Bend Road
Chattanooga, Tennessee 37405

Dear Mr. Wright:

SEQUOYAH NUCLEAR PLANT (SQN) - DISPOSAL OF MISCELLANEOUS WASTES

SQN generates small quantities of miscellaneous wastes that are not radioactive, nor do they meet the definition of a hazardous waste. Allowance for the discharge of these wastes has not been made in the existing facility NPDES permit. TVA requests your concurrence to allow the discharge of the wastes identified in the enclosure into the Moccasin Bend Sewage Treatment Plant via the sewer line that was recently installed between SQN and Soddy-Daisy. The estimated quantities and generation frequencies for these wastes are also given in the enclosure.

We greatly appreciate your consideration in this matter. If you have questions or comments regarding this request please call Drew Miller at 751-8123 in Chattanooga.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Jim L. Bates

Jim L. Bates
Manager, Chemistry and Environment

Enclosure

cc (Enclosure):

Ms. S. C. Black, Assistant Director
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

Mr. Eugene Wright

SEQUOYAH NUCLEAR PLANT (SQN) - DISPOSAL OF MISCELLANEOUS WASTES

Mr. F. R. McCoy, Assistant Director
for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Philip L. Stewart, Manager
Chattanooga Field Office
Division of Water Pollution Control
2501 Milne Street
Chattanooga, Tennessee 37406

Sequoyah Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy Daisy, Tennessee 37379

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

MISCELLANEOUS WASTES FOR WHICH PERMISSION
TO DISCHARGE TO DOMESTIC SEWER SYSTEM IS REQUESTED

<u>WASTE</u>	<u>USE</u>	<u>CONCENTRATION</u>	<u>QUANTITY</u>	<u>FREQUENCY OF GENERATION</u>
*Sodium Hypochlorite	5 - 15%	100 gallon	6/yr.	
*Actibrom (Sodium bromide)	Biocide dispersant	12.2 lbs/gal	100 gallon	4/yr.
Ethylene glycol	Ice Condenser	less than 15% (85% H ₂ O)	1500 gallon	2/yr.
*Zyglo	Washable penetrant	2% (98% H ₂ O)	300 gallon	1/yr.

*MSDS attached