

TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

SEP 23 1983

Mr. Paul J. Traina, Director
Division of Water Management
U.S. Environmental Protection
Agency, Region IV
345 Courtland Street, NE.
Atlanta, Georgia 30365

Dear Mr. Traina:

SEQUOYAH NUCLEAR PLANT - NPDES PERMIT NO. TN0026450 - NOTIFICATION OF
CHANGE IN OUTFALL LOCATION 54-327 54-328

In accordance with Part II, Section D.1, of the NPDES permit, this is to notify you of a change in the discharge location for outfall serial No. (DSN) 112, sewage treatment plant effluent. Construction of the septic tank-sand filter system was completed in late summer 1983. The original outfall location was identified as the plant intake basin; however, a design change will route the system's effluent to the yard drainage pond, DSN 102. Enclosed is a revised flow diagram illustrating this change.

The yard drainage pond presently receives the effluent from our operational septic tank-sand filter, DSN 111, and has an average flow (September 1979 to May 1982) of 4.32 MGD. Because this pond presently receives sewage treatment plant effluent and the flow from DSN 112 (0.025 MGD) represents only 0.6-percent increase in the pond's total effluent flow, we do not believe an increase in effluent monitoring requirements for DSNs 112 and 102 is warranted.

The State of Tennessee certification for NPDES permit No. TN0026450 requires effluent monitoring for settleable solids from DSN 112 but not for DSN 111. Both wastewater treatment facilities are septic tank-sand filter systems, which typically do not have significant settleable solids in their discharges. We believe the monitoring requirements should be the same for both effluents because they are similar in character and have the same outfall location. By copy of this letter, we request the State to modify its certification by deleting the limitation and monitoring requirements for settleable solids on DSN 112.

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PDR ADOCK 05000327
P PDR

1983-TVA 50TH ANNIVERSARY

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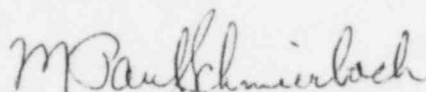
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Mr. Paul J. Traina

SEP 23 1983

If you have any questions concerning this letter or our request, please contact Wally Carpenter at (615) 632-6654 or FTS 856-6654 in Knoxville, Tennessee.

Sincerely,

fa 
Mohamed T. El-Ashry, Ph.D.
Director of Environmental
Quality

Enclosure

cc (Enclosure):

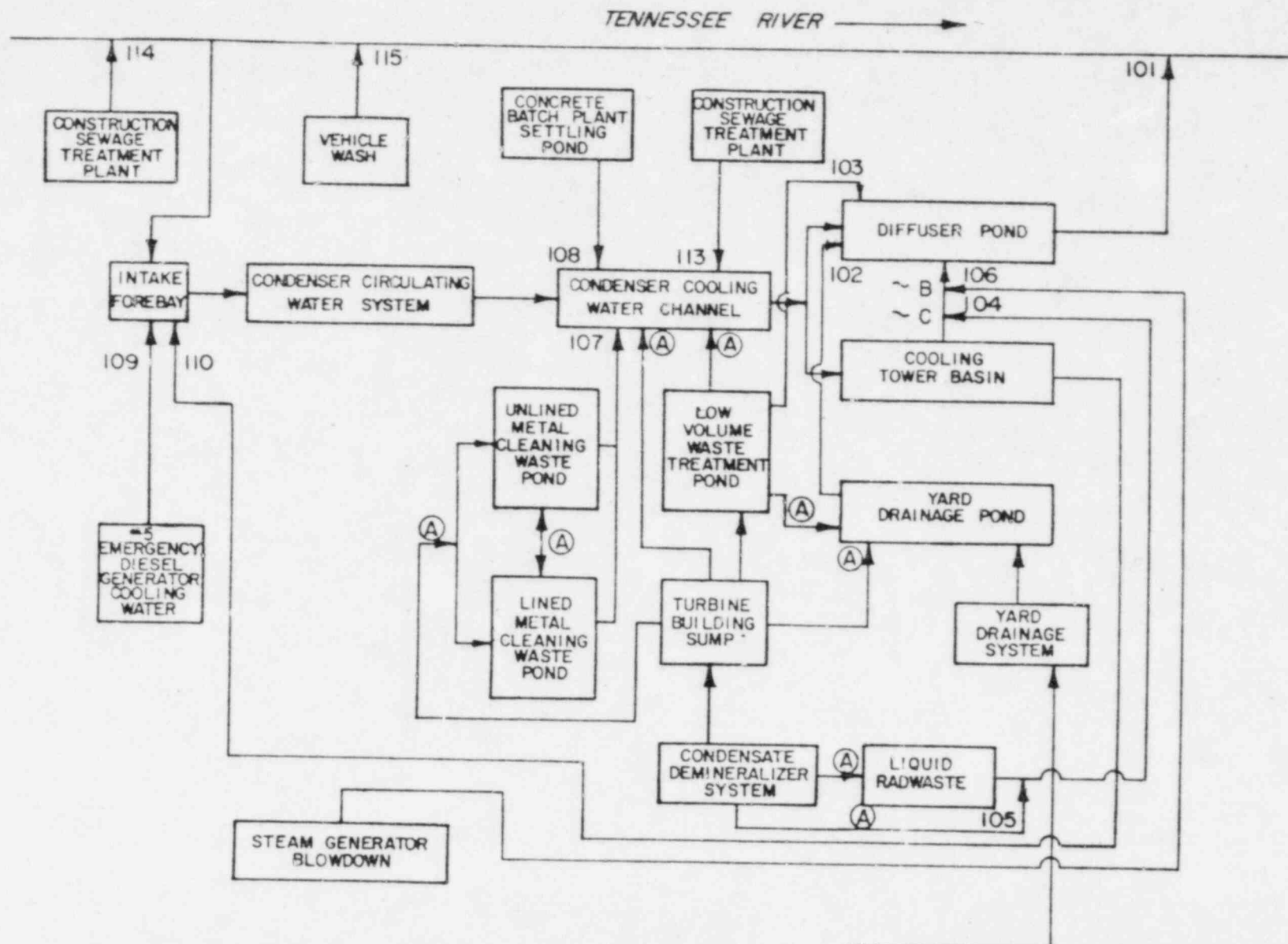
Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Washington, D.C. 20555

Mr. Jack McCormick, Manager
Division of Water Management
Tennessee Department of Public Health
2501 Milne Street
Chattanooga, Tennessee 37406

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Mr. James R. Patrick, Jr., Chief
Water Enforcement Branch
U.S. Environmental Protection
Agency, Region IV
345 Courtland Street, NE.
Atlanta, Georgia 30365

Tennessee Department of Public Health
Division of Water Management
150 Ninth Avenue, North--TERPA Building
Nashville, Tennessee 37219



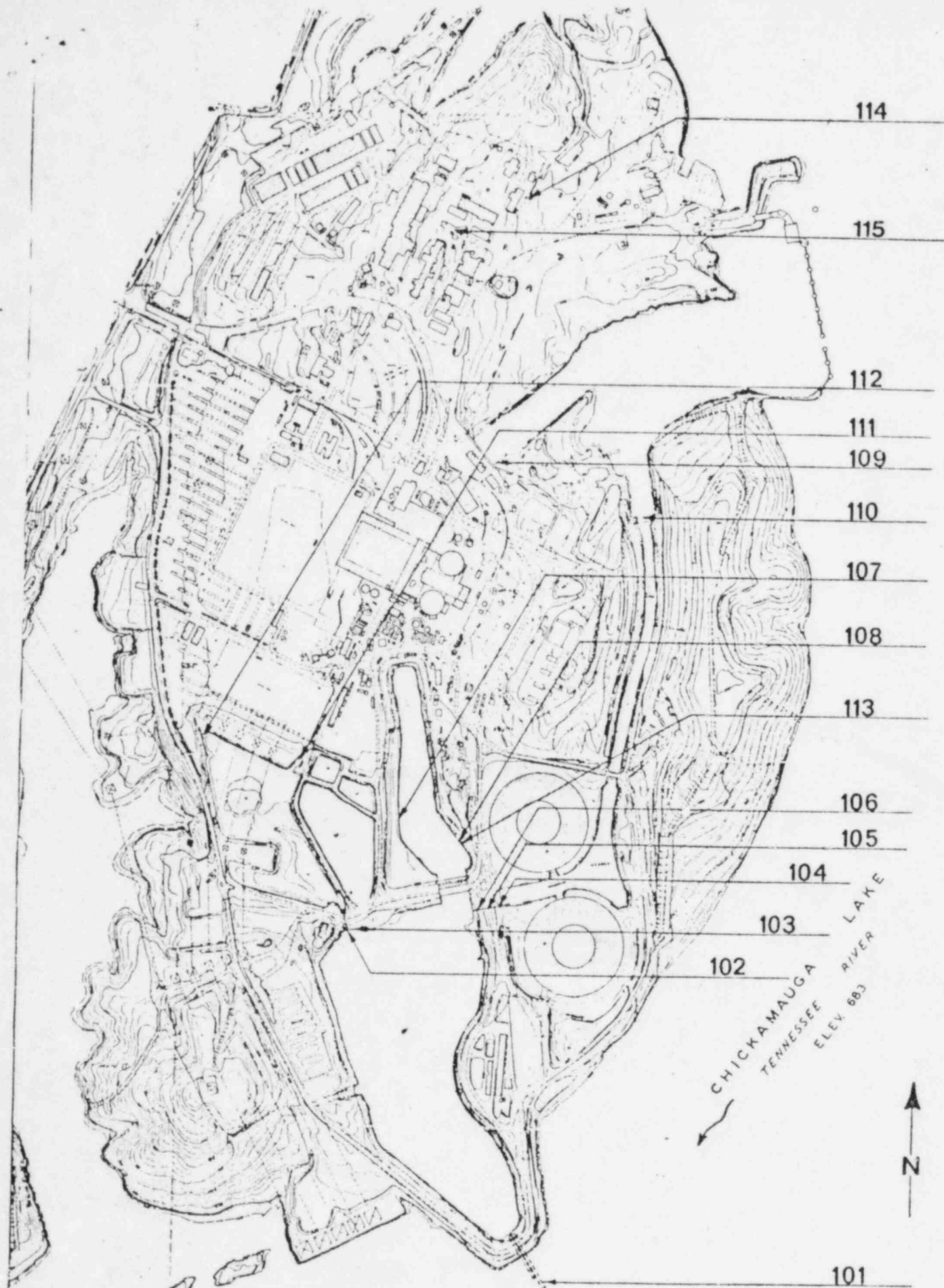
NOTE.

(A) DENOTES ALTERNATE FLOW PATH
TO BE USED BY AUTHORITY OF
THE PLANT SUPERINTENDENT

~ B COOLING TOWER
BLOWDOWN

~ C HELPER MODE

DSN 111 POWER SEWAGE TREATMENT PLANT
DSN 112 POWER SEWAGE TREATMENT PLANT
SERVICE BUILDING SUMP
OFFICE BUILDING SUMPS
DIESEL GENERATOR BUILDING SUMP
SECURITY DIESEL GENERATOR BUILDING SUMP
YARD STORAGE BUILDING SUMP
SODIUM HYPOCHLORITE BUILDING SUMP



SEQUOYAH NUCLEAR PLANT
NPDES SERIALIZED
DISCHARGE LOCATIONS