



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37384-2000

June 13, 2007

State of Tennessee
Department of Environment and Conservation
Division of Water Pollution Control
Enforcement & Compliance Section
6th Floor, L & C Annex
401 Church Street
Nashville, Tennessee 37243-1534

Dear Mr. Hannah:

SEQUOYAH NUCLEAR PLANT - STORM WATER OUTFALL NO. 6 POTABLE WATER LINE LEAK

On 06/07/2007, during the Tennessee Department of Environment and Conservation (TDEC) National Pollutant Discharge Elimination System (NPDES) Compliance Evaluation Inspection (CEI), water was observed flowing into storm water outfall no. 6 which is located on the northwest corner of the empty drum yard and southwest corner of the heliport. Facilities was notified and determined the source of water to be a potable water leak (<5 gal per minute). Chlorine screening analysis on the east and west side of the pipe at the road at the entrance to the outfall revealed no chlorine. At approximately 1715 on 06/07/2007, the line was isolated and the leak stopped. SQN Problem Evaluation Report (PER) 125991 was written to document the leak and corrective actions.

On 6/11/07, Facilities uncovered the potable water line and discovered that the ninety degree elbow in the line was cracked. The elbow was replaced and the line was placed back in service and remained uncovered for 24-hours to observe any other leaks. No other leaks were observed along the line or in the elbow of the line. The line was covered and remains in-service.

Per the Inspectors' request, SQN Environmental staff also inspected storm water outfalls nos. 1, 16, and 17 for dry weather discharges and no discharges were observed.

Please contact me at (423) 843-6700 if you have any questions or comments.

Sincerely,

Stephanie A. Howard
Principal Environmental Engineer
Signatory Authority for
J. Randy Douet
Site Vice President
Sequoyah Nuclear Plant

Enclosure

cc (Enclosure):

Chattanooga Environmental Assistance Center
Division of Water Pollution Control
State Office Building, Suite 550
540 McCallie Avenue
Chattanooga, Tennessee 37402-2013

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

IE23
DKK