



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

June 1, 2012

Tennessee Emergency Management Agency
3041 Sidco Drive, P.O. Box 41502
Nashville, Tennessee 37204

To Whom It May Concern:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT (SQN) - TN5 64-002-0504 /
NPDES PERMIT NO. TN0026450 - FOLLOW UP REPORT FOR ERCW OIL SPILL

On May 24, 2012 at 1527 Eastern Daylight Time (EDT) visible oil sheen was identified on the east side of the essential raw cooling water (ERCW) intake building at SQN on the Tennessee River. The SQN Spill Prevention Control and Countermeasures Plan was immediately initiated. At 1541 EDT, SQN Environmental personnel notified the National Response Center of the oil spill. Report No. 1012539 was initiated by the National Response Center. Additional external notifications were made to the Environmental Protection Agency Region IV, Tennessee Department of Environment and Conservation Chattanooga Field Office, Tennessee Emergency Management Agency, Hamilton County Emergency Planning Commission, and the Nuclear Regulatory Commission.

The source of the oil sheen was caused by an oil drip pan overflow located at the C-B ERCW traveling water screen gear drive. The leak was immediately secured and the discharge was stopped. The estimated quantity of oil discharged is less than one gallon. Because the oil spill occurred in a low flow area and favorable meteorological conditions (light winds, no rain), the water was fairly stagnant and the sheen was easily contained and cleaned up utilizing absorbent booms and pads.

Documentation of the incident and corrective actions will be performed in accordance with the site's Corrective Action Program. If you have any questions or need additional information, please contact Brad Love by email at bmlove@tva.gov or by phone at (423) 843-6714.

Sincerely,

Paul R. Simmons
Plant Manager

Signatory Authority for:
John T. Carlin
Site Vice President
Sequoyah Nuclear Plant

cc :

Hamilton County LEPC
Hamilton County Emergency Services
317 Oak Street, Suite 302
Chattanooga, Tennessee 37403

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

CDD
NRR