

July 11, 2006

Mark A. Palmer, POB 2A-SQN

SEQUOYAH NUCLEAR PLANT - RECORDS OF SPILLS AND UNUSUAL OCCURENCES IMPORTANT TO DECOMISSIONING. Memorandum for inclusion in 10CFR50.75(g)(1) required decommissioning file.

This memorandum documents the identification and evaluation of radioactive spills and unusual occurrences to outdoor environs of the plant site. The time frame of the evaluation involves the spread of contamination from initial unit 1 start up in July of 1981 to July of 2006. Identification was performed by retrieval of spill reports for a portion of the occurrences and through interviews conducted with Sequoyah Radiation Protection staff for the remaining portion. Radiation Protection staff includes personnel employed at Sequoyah through the time period indicated above.

The spills and occurrences identified by personnel interview also included the unsuccessful research for retrieval of radiological survey records from EDMS and RIMS. Survey record type designators such as "Decommissioning Survey" evidently were not used. Definitive time frame of occurrence information is also lacking. Therefore, the continued research of these spills is necessary to retrieve survey documentation for these events.

The following information is relevant to decommissioning and is contained in an appendix to this report.

Event log:

Outside of Scope

outside of scope

Information in this record was deleted in accordance with the Freedom of Information Act.
Exemptions outside of scope
FOIA/PA 2010-0009

M-1

Outside of Scope

out of scope

Outside of Scope

out of scope

*exclude
out of scope*

Outside of Scope

8. Identification of Tritium in Unit 1 and 2 RWST Moat Collected Rain Water

Event time: July 17, 2006

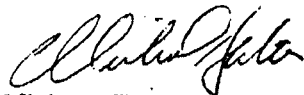
Event: Action item performance to determine sources of tritium in ground water included the evaluation of unit 1 and 2 moat rain water.

Remediation performed: Problem event report 106937 generated to initiate corrective actions to ensure rain water does not escape to environ outside of moats.

Documentation: Moat water sample and analysis information documented in report RWST MOAT WATER as a POTENTIAL TRITIUM in GROUND WATER SOURCE dated July 17, 2006. Report includes needs for process improvements to prevent release of moat water to environ outside of moats.

Appendix's

- Appendix 1, Unit 2 Refuel Water Storage Tank (RWST) Moat Drain, 10 pages
- Appendix 2, Radwaste Yard Spill Final Survey Report, 57 pages
- Appendix 3, Unit 2 Additional Equipment Building Sump Spill Recovery Report, 56 pages
- Appendix 4, Unit 1 Refuel Water Storage Tank (RWST) Moat Drain, 33 pages
- Appendix 5, RWST Moat Water as a Potential Tritium in Ground Water Source, 4 pages



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Appendix

cc (Appendix):

EDMS, WT CA-K