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MEMORANDUM FOR: Southerly Wastewater Treatment Plant File

THRU: John A. Grobe, Chief, Fuel Cycle and Decommissioning Branch

FROM: Donald J. Sreniawski, Senior Radiation Specialist

SUBJECT: SUMMARY OF APRIL 19, 1993 MEETING ON STATUS OF NEORS D
DECONTAMINATION

ATTENDEES: NRC/REGION III J. Grobe, R. Caniano, D. Sreniawski
NEORS D T. Lenhardt, R. Oberdorf, B. Koh (Consultant)

This is a summary of a meeting held on April 19, 1993, at the Northeast Ohio Regional Sewer District (NEORS D) Offices in Cleveland, Ohio to discuss the status of the decontamination of the sanitary ponds at the Southerly Plant (SP) and other related topics.

Ash removal from sanitary ponds to South Fill Area. NEORS D plans to remove ash from sanitary ponds to the South Fill Area beginning in May 1993. Health physics coverage is to be provided by RSO Inc. with project oversight by B. Kohn Associates. The sewer district agreed to provide the site characterization plan to the NRC for comment but not approval. They stated that the work had to proceed so that the sewer district could remain operational and were aware that there was a risk that without the ORISE final survey to verify their findings the pond may be returned to use prematurely. The NRC/RIII noted that ORISE would need as much advance warning as possible to schedule their survey. The NEORS D plans additional effort to address flood plain and site hydrology issues.

Cobalt-60 source term in sanitary ponds. In response to the NRC question on how the NEORS D would evaluate the quantity of Co-60 contamination in the pond, the NEORS D stated that the plan had not been finalized but the basic elements consisted of direct surveys of each loaded truck followed by a characterization after the ash is dumped if the truck surveys were not adequate on their own. The NEORS D estimates 8,000 to 9,000 truck loads of 20 yards per truck, with a dump every 2 to 3 minutes. In addition, 600 to 700 soil/ash samples are planned with the drilling to start in Fall 1993. The survey grid will offset the ORISE sites so, in total, more locations will be assayed. The NEORS D stated that too little data was collected for the sanitary ponds by the ORISE survey, more sample sites will be surveyed by the NEORS D.

On-line monitoring. The NEORS D is placing a high priority on the installation of on-line monitors on sewerage process equipment at all 3 plants to detect

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future contamination in incoming sewerage. The system is still in early development, with bids from 9 vendors on various concepts.

Origin of contamination. The NEORSD stated they were concerned that the NRC March 10, 1993 letter represented AMS as being in compliance with NRC regulations for liquid releases to the sanitary sewers. The NEORSD stated that the letter should have said, "...the NRC did not find AMS in violation...".

The NEORSD was contacted by the City of Cleveland Law Department who requested the NEORSD perform radiation surveys of the sewer lines suspected of being contaminated. The City was advised to contact the NRC.

Original Signed by John A. Grobe

Donald J. Sreniawski
Senior Radiation Specialist,
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Sites

cc: T. Johnson, LLWD
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