

ORISE

OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

ENERGY REPLY/DECOMMISSION SYSTEMS DIVISION

November 11, 1993

Mr. Jack Parrott
Division of Low Level Waste Management
and Decommissioning
Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: UNC SEPTIC DISCHARGE PIPE


Dear Mr. Parrott:

The Environmental Site Assessment Program (ESSAP) of the Oak Ridge Institute for Science and Education (ORISE) has examined Sections 2 and 3 of the septic discharge pipe. Results of the total surface activity, performed at both ends and the middle of the pipes, were < 73 dpm/100 cm² for alpha and < 1700 dpm/100 cm² for beta. Total removable alpha and beta activity levels were < 12 and < 16 dpm/100 cm², respectively. All measurements were well within the acceptable guidelines for release of the facility for unrestricted use. These pipes have subsequently been sent back to the UNC Naval Products.

ESSAP also reviewed a video tape which the town of Montville has prepared by inserting a camera probe in both ends of the subject discharge pipe. The video indicated a significant amount of loose debris in the pipe at the UNC pumphouse end. In the letter from R. Gregg (UNC) to J. Austin (NRC), dated September 13, 1993, the licensee indicated that the pipe was "high pressure back washed." In a telephone conversation today with Mr. R. Gregg of UNC, he confirmed that washing was performed after the video tape was taken. He indicated that the material was sanitary debris. The wash should have eliminated most if not all of that loose debris.

Enclosed are the video tape and a copy of the cover letter from Mr. Gregg. If you have any questions regarding this information or need additional information, please contact me at (615) 576-3355 or Michele Landis at (615) 576-2908.

Sincerely,


Armin J. Ansari
Project Leader
Environmental Survey and
Site Assessment Program

AJA:rde

Enclosure 9406090291 931111
PDR ADDCK 07000371
C PDR

- cc: (w/o enclosures) J. Kinneman, NRC/Region I
- J. Austin, NRC/NMSS J. Berger, ORISE
- T. Mo, NRC/NMSS M. Landis, ORISE
- D. Tiktinsky, NRC/NMSS File/223

Video tape located in Central files

090082

UNC Naval Products

In Reply Please Refer To:
NIS-93-10-06

October 20, 1993

EESD/ESSAP
Oak Ridge Institution for Science and Education
1299 Bethel Valley Road
P.O. Box 117
Oak Ridge, TN 37831-0117

Attention: Armin Jaberaboansari

Reference: NIS-93-09-09, dated September 13, 1993

Dear Armin,

Enclosed, per your request, is a copy of the video tape which the town of Montville took of the two ends of UNC Naval Products' sewage discharge pipe in June 1993, as reported in reference 1.

In viewing the tape, you will note that there are two segments which are separated by a short blank space on the tape. The first segment was taken starting where the pipe exits from our pumphouse. The second segment was taken backwards towards our facility from the point where our pipe intersects the Montville sewer line at the junction of Sandy Desert Road and Route 32, prior to its entry to the Holly Hill pumping station.

If you have any questions about this tape, please give me a call.

Sincerely,



Robert J. Gregg
Director, Technical Services
UNC Naval Products

cc: J. Parrott (NRC)
J. Noggle (NRC Region I)