

**ORISE**  
OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

50-322

March 7, 1995

Mr. David Fauver  
Division of Waste Management - NMSS  
U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

**SUBJECT: FINAL REPORT—CONFIRMATORY SURVEY OF THE REACTOR BUILDING  
AND PHASE 4 SYSTEMS, SHOREHAM NUCLEAR POWER STATION,  
BROOKHAVEN, NEW YORK [DOCKET FILE NO. 50-322]**

Dear Mr. Fauver:

Enclosed are five copies of the subject document with the comments incorporated that you provided in the January 26, 1995 facsimile.

ESSAP would also like to take this opportunity to note that Tables 4 and 5 of this report have been modified from what appeared in the draft report. These tables originally included an indication of whether or not both the statistical evaluation of ESSAP's and LIPA's data sets and the NRC's guidelines were satisfied. However, because the text provides a detailed comparison and analysis of the data sets, the tables now only compare the data directly to the applicable guideline.

ESSAP believes that by making this change, the final radiological status of each confirmatory survey is presented in a format that will be clearer to the reader. Please contact me at (615) 576-5073 or William L. (Jack) Beck at (615) 576-5031 if we may provide additional information.

Sincerely,

*Timothy J. Vitkus*  
Timothy J. Vitkus  
Environmental Project Leader  
Environmental Survey and  
Site Assessment Program

TJV:rde

Enclosure

cc: R. Uleck, NRC/NMSS/TWFN 7F27  
D. Tiktinsky, NRC/NMSS/TWFN 8A23  
L. Pittiglio, NRC/NMSS/TWFN 7F27  
R. Nimitz, NRC/Region I

PMDA, NRC/NMSS/TWFN 8A23  
W. Beck, ORISE/ESSAP  
E. Abelquist, ORISE/ESSAP  
File/273

03150351 950307  
ADOCK 05000322  
PDR

150166

P. O. BOX 117, OAK RIDGE, TENNESSEE 37831-0117

Managed and operated by Oak Ridge Associated Universities for the U.S. Department of Energy

NH101