

MEMORANDUM FOR: Richard E. Cunningham, Director

Division of Industrial and Medical Nuclear Safety  
Office of Nuclear Material Safety and Safeguards

FROM: i. Philip Stohr, Director  
Division of Radiation Safety and Safeguards  
SUBJECT: REGION II REVIEW OF OAK RIDGE NATIONAL  
LABORATORY (ORNL) LIST OF POTENTIALLY  
CONTAMINATED SITES

In response to your memorandum dated June 22, 1992, my staff has performed a review of those terminated licensees in Region II with evaluation rankings above 300 on the ORNL list. Information used for the evaluation included a review of the retired files sent to us by members of your staff and ORNL, the ORNL evaluation sheets, interviews with current and former Region II staff, representatives from the State of Tennessee, and in the case of Babcock & Wilcox, Naval Nuclear Fuel Division (B&W, NNFD), a discussion with licensee representatives. The original ORNL listing of licenses identified six sites with evaluation rankings above 300. However, a subsequent ORNL reevaluation provided to RII subsequent to your June 22, 1992 memorandum, resulted in the removal of United States Nuclear Corporation from the original list. As noted on the enclosed Region II fact sheets which were generated from our evaluation, five former Region II licensees have a ranking of 300 or greater.

Based upon our review of the original six RII sites ranked above 300, we are recommending that four of the sites be removed from the list with our justification for those recommendations being described in the enclosed fact sheets. For the remaining sites on the list, we are evaluating available options to assess the current condition of the site.

If you have any questions regarding our evaluation please contact George B. Kuzo of my staff at (404) 331-2560. We will keep you apprised of our followup actions for any of the sites mentioned above.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA STREET, N.W.  
ATLANTA, GEORGIA 30323

SEP 14 1992

*J. Philip Stohr*  
J. Philip Stohr

Enclosure: (See page 2)

Enclosure:  
Region II Fact Sheets

cc /encl:  
R. Cooper, RI  
C. Norelius, RIII  
L. Callan, RIV  
R. Scarano, RV  
R. Bangart, NMSS

*NMSS (Paul Goldberg)  
advises no further Regional  
action required. [Signature]*

Enclosure

United States Nuclear Corporation (SNM-01315, 70-01319)

Location: United States Nuclear  
Bear Creek Road  
Oak Ridge, Tenn 37830

Activity: Fuel fabrication facility for research  
reactors.

ORNL  
Concerns:

- 1) License was for loose materials, or materials handled loose.
- 2) High likelihood that activity could have generated significant contamination.
- 3) The operation generated moderate turnover of materials in facility.

Region II  
Remarks:

- 1) Contractor performed a thorough closeout survey.
- 2) There was a final NRC inspection of the facility.
- 3) Records indicate decontamination of facility was complete.

Regional  
Recommendation:

The initial ORNL evaluation resulted in ranking of 1838 for the site. Subsequent review of additional site decommissioning surveys reduced the rank to 180. Following review of the appropriate data, NRC RII concurs with the ORNL rank and recommends removal of the site from the list.

