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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

MAR 6 1980

Docket 70-371

MEMORANDUM FOR: W. T. Crow, Section Leader  
Uranium Process Licensing Section  
Uranium Fuel Licensing Branch

FROM: R. L. Stevenson  
Uranium Process Licensing Section  
Uranium Fuel Licensing Branch

SUBJECT: TELECONS ON FEBRUARY 26 AND 29, 1980, WITH MESSRS. NEUMANN  
AND LUSTER, UNITED NUCLEAR COMPANY (UNC), UNCASVILLE,  
CONNECTICUT, CONCERNING EMERGENCY PLAN

In response to NRC questions transmitted by letter dated October 30, 1979, United Nuclear Corporation provided a revised version of their emergency plan, transmitted by UNC's letter dated February 1, 1980. Although most of our comments and questions were satisfactorily resolved by the revised plan, five items needed further clarification, as described in the enclosed list. The desired information and revised commitments were described to Mr. J. Neumann on February 26 and subsequently discussed with Mr. D. Luster on February 29. UNC will attempt to provide the answers to our questions and revised pages for the emergency plan in about two weeks.

*R. L. Stevenson*

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Uranium Process Licensing Section  
Uranium Fuel Licensing Branch

Enclosure: Outstanding Questions on  
UNC Emergency Plans as Transmitted  
February 1, 1980, Docket 70-371  
(Page List Dated 1-25-80)

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Outstanding Questions on UNC Emergency Plan  
as Transmitted February 1, 1980  
(Page List Dated 1-25-80)

The questions are given the same numbers used in the attachment to the letter dated October 30, 1979.

4. The response to the second part of this question is that UNC will inspect first aid, medical, radiation survey instruments, safety equipment and supplies at least every six months. We believe that the inspections should be more frequent and that UNC should commit to a higher frequency.
10. The procedures for monitoring during alarm instrument maintenance need further clarification. In paragraph 5.a, it is not clear whether item (4) applies to item (2) and whether (3) and (4) are additive. Item (4) should apply to both the second and third alternatives. Also, in paragraph 5.c(1) between zone movement is excluded for pickling, but the in-zone operation of pickling equipment should also be listed in the excluded operations in paragraph 5.c(2).
17. In response to the question on the minimum frequency of drills of the UNC fire brigade, UNC committed to four "training meetings/drills" per year. It is not clear what is intended. UNC should commit to four drills per year (Reg. Guide 3.42, paragraph 8.1.2 of Annex A).
18. The agreement letters from the Connecticut State Police and the State of Connecticut Department of Environmental Protection are over two years old and updated letters should be provided.
19. In response to the NRC request for graphs of time-distance-dose for accidental criticality, UNC provided a single point dose calculation for a  $10^{18}$  fission event. The requested graphs should be developed to cover situations other than the specific one envisioned.