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SUBJECT: Special rept:on 891130,Fire Doors 436 & 437 inoperable & on  
 891216 Fire Door 364 inoperable.

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January 3, 1990

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74

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Attn: A.B. Davis

Dear Mr. Davis:

This special report is being submitted in accordance with Technical Specification 3.7.10 action a, to 1) inform you that the following four fire barriers have been inoperable longer than allowed by Technical Specification 3.7.10 action a, and 2) serve as a follow-up as committed in previous letters dated September 19, 1989 and November 13, 1989.

- ° Fire Door 436, the Unit One Control Room HVAC area door, was declared inoperable on November 30, 1989, due to its bottom seal not functioning properly. It was returned to operability on December 11, 1989. A fire watch, as required by Technical Specification 3.7.10 action a, was maintained while the door was inoperable.
- ° Fire Door 437, separating the Unit One and Unit Two Control Room HVAC areas, was declared inoperable on November 30, 1989, due to its bottom seal not functioning. It was returned to operability on December 12, 1989. A fire watch, as required by Technical Specification 3.7.10 action a, was maintained while the door was inoperable.
- ° Fire Door 364, the Unit One Charging Pumps Room door, was declared inoperable on December 16, 1989, due to its failure to close properly. It was returned to operability on December 26, 1989. A fire watch, as required by Technical Specification 3.7.10 action a was maintained while the door was inoperable.

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- ° A crack was identified in the TSI fire retardant material covering the 2A-P2 cable raceway at the auxiliary building 621' elevation on December 1, 1989. The TSI material was repaired and restored to operability on January 2, 1990. A fire watch, as required by Technical Specification 3.7.10 action a, was maintained while the TSI material was inoperable.
- ° In previous letters dated September 19, 1989 and November 13, 1989, we informed you that Fire Dampers 1-HV-ACF-D1 and 1-HV-ACF-D2 in the Unit One P-250 Computer Room were declared inoperable due to a failure of the fire damper release mechanism common to the dampers. Following an engineering evaluation which determined that the dampers would close reliably when reset according to a specific procedure, administrative controls were established on the resetting of the dampers, and the dampers were all restored to operability on December 8, 1989. A fire watch, as required by Technical Specification 3.7.10 action a, was maintained while the dampers were inoperable.
- ° In a previous letter dated November 13, 1989, we informed you that the block ventilation ducts for ventilation fans 2-HV-SGRS-4A, 2-HV-SGRS-1A, 2-HV-SGRS-3, 2-HV-SGRX-1, 2-HV-SGRX-2, 2-HV-SGRX-3, and 2-HV-SGRX-5 were declared inoperable fire barriers due to a 1/8" gap between the ducts and their respective ceiling interfaces. Following an engineering evaluation to determine how to best seal the gaps, the gaps were sealed and the assemblies declared operable on December 8, 1989. A fire watch, as required by Technical Specification 3.7.10 action a, was maintained while the barriers were inoperable.
- ° In a previous letter dated November 13, 1989, we informed you that Fire Door 387, the Unit One Reactor Cable Tunnel Quadrant #2 door, was declared inoperable due to the failure of its latching mechanism. The engineering evaluation of the necessary repairs determined that a design change is required to provide an adequate repair to the affected door. The design change is now in progress. We will inform you through a follow-up report when the design change is complete and the door has been restored to operability.

Respectfully,

*B. A. Lucas*

for A.A. Blind  
Plant Manager

See attached distribution

cc: D.H. Williams, Jr.  
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