

SUPPLEMENTAL  
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OCT 18 1968

R. F. Fraley, Executive Secretary  
Advisory Committee on Reactor Safeguards

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 3, DOCKET NO. 50-286

During a telecon between J. A. Murphy, DRL, and Mr. Libarkin of your staff on October 9, 1968, Mr. Libarkin requested that DRL provide a preliminary list of potential problem areas associated with Indian Point Nuclear Generating Unit No. 3 for the ACRS Subcommittee prior to the October 22, 1968 Subcommittee meeting. This list is attached for the information of the Subcommittee.

Original Signed by  
Peter A. Morris

P. A. Morris, Director  
Division of Reactor Licensing

Enclosure:  
List of I.P. 3 Problem Areas

Distribution:  
Suppl.  
RL Reading  
RPB-1 Reading  
R. S. Boyd  
D. R. Muller  
J. A. Murphy  
N. Blunt  
DR Reading  
F. Schroeder

8111200442 681018  
PDR ADDCK 05000286  
A PDR

OFFICE ▶	RL:RPB-1	RL:RPB-1	RL:RP	RL	
SURNAME ▶	Murphy/eb	<i>R. R. Muller</i> Muller	Boyd	<i>M</i> Morris	
DATE ▶	10/16/68	10/17/68	10/ /68	10/18/68	

PRELIMINARY LIST OF PROBLEM AREAS - INDIAN POINT UNIT NO. 3

1. A dose reduction factor of approximately 11.4 is required in order to meet the 10 CFR 100 guidelines at the outer boundary of the low population zone for the duration of the accident. This factor does not appear to be possible with the sodium hydroxide additive spray proposed as the only iodine scavenger.
2. Completeness of the research and development program concerning the effectiveness of the containment reagent spray as an iodine scavenger.
3. Presence of the single header at the outlet of the residual heat exchangers in the emergency core cooling system.
4. Generation of hydrogen following a loss of coolant accident by coolant radiolysis and chemical reaction.
5. Provisions for tornado protection for the spent fuel pit and 480 volt system.
6. Post loss of coolant accident protection. (PLOCAP)
7. In-core instrumentation.
8. Manual actuation for the addition of sodium hydroxide to the containment spray.
9. Operating organization and the proposed method of conduct of operation.

OFFICE ▶						
SURNAME ▶						
DATE ▶						