

SAPPK

JAN 3 1969

Docket No. 50-286

R. C. DeYoung, Deputy Assistant Director for Reactor Technology, RL

INDIAN POINT NUCLEAR GENERATING UNIT NO. 3,
ACRS MEETING, JANUARY 1969

As a result of the Indian Point 3 Subcommittee meeting which was held on December 28, 1968, we have been requested to be prepared to discuss the following items:

1. EMERGENCY POWER

Discuss our present position on the electrical hookup of the Unit 3 diesel generator system as it relates to the electrical hookup for the Unit 2 diesel generator system.

2. MISSILES FROM SOURCES WITHIN THE CONTAINMENT

The specific problem is the consequences of failure of a main coolant pump flywheel. We should be prepared to answer such questions as:

- (1) Are we satisfied with the conservatism of design and the quality assurance program?
- (2) Are we satisfied with the periodic inspection program proposed?
- (3) If the flywheel were to fail, what effect would it have on primary or secondary system components (specifically, the steam generator)?
- (4) Could a missile from the flywheel penetrate the containment liner?
- (5) Are there reasonable engineering means of protecting the steam generator, assuming it could be damaged by a missile?

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3. FUEL HANDLING ACCIDENT

The basic assumptions made by GE and Westinghouse regarding the amount of mechanical damage to a dropped fuel element differs by about a factor of 10. Westinghouse assumes 15 fuel rods are damaged; whereas, GE assumes 111 fuel rods are damaged. In the case of Indian Point 3, the offsite doses resulting from this accident are relatively high. The basis for many of the assumptions used in evaluating the consequences of this accident have not been reviewed, nor have inconsistencies, such as noted above, been considered.

As discussed in F. Schroeder's office on January 2, 1969, please assign appropriate people to each of these areas so that we will be able to discuss the status of each with the Committee during the January 1969 meeting.

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R. S. Boyd, Assistant Director
for Reactor Projects
Division of Reactor Licensing

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- P. A. Morris
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SURNAME ▶	Murphy	Boyd			
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