

JAN 7 1969

Roger S. Boyd, A/D for Reactor Projects, DRL
THRU: Saul Levine, A/D for Reactor Technology, DRL *RC DeYoung*

INDIAN POINT NUCLEAR GENERATING UNIT NO. 3, DOCKET NO. 50-286;
ONSITE ELECTRIC POWER

The following paragraphs on the onsite electric power system are transmitted for inclusion in your supplementary report to the ACRS:

"As we stated in our report, we do not consider that there is adequate independence of the diesel generators and their associated buses in the Indian Point 3 design. We do not believe the proposed design meets the intent of Criterion 39. We will ask the applicant to investigate designs having greater independence, and we will resolve the question prior to installation.

"Our objective is a system with redundant onsite power sources and buses which are independent to the extent that they cannot be connected together with automatically operated circuit breakers. We believe that a system with manual tie breakers can be designed to provide adequate independence. Interlocking of such manual breakers to prevent connecting two redundant operating power sources together would be required. We expect that only control circuit changes to the Indian Point 3 design are required to provide adequate independence and that no additional equipment would be required. The modified circuit should be simpler and actually require less equipment."

8111200300 690107
ADOCK 05000286

151
Voss A. Moore, Jr., Chief
Instrumentation & Power
Technology Branch
Division of Reactor Licensing

RT-44A
DRL:I&PTB:DFS

cc: D. R. Muller, DRL
J. Murphy, DRL

bcc's: D. F. Sullivan
S. Levine
V. A. Moore
R. C. DeYoung

Distribution:
Suppl.
DRL Reading
ADRT Reading
I&PTB Reading

OFFICE ▶	DRL:I&PTB	DRL:I&PTB	DRL	DRL:ADRT		
SURNAME ▶	<i>DFS</i> DFSullivan:rbw	<i>VAM</i> VAMore	<i>RC</i> RCDeYoung	<i>SL</i> SLevine		
DATE ▶	1/7/69	1/7/69	1/7/69	1/7/69		