

50-247

SEP 25 1974

D. F. Ross, Chief, Core Performance Branch, L  
THRU: P. S. Check, Section Leader, CPB, L

INDIAN POINT-2 MODE B LOAD FOLLOW

A telephone conversation on the outcome of the Mode B load follow tests was held with John Makepiece of Consolidated Edison Company on September 20, 1974.

Mode B operation consists of load follow using the part length rods and D bank full length rods. Boron concentration is changed only to follow long term xenon reactivity. Three daily load follow cycles were made changing load from 100% to 50% in 30 min. at approximately midnight. The plant was then returned to 100% power in 30 min. at approximately 8 a.m. On the fourth cycle return to power was made in 11 min. or about 5%/min.

No difficulty was encountered in maintaining the flux difference in the target band. Mr. Makepiece indicated that the control was easier than with the Mode A tests. He did, however, express a concern that the requirement that the part length rods can remain in a given axial portion of the core only 18 days out of 30 will restrict their load following capability using Mode B control. They may not be able to follow load on some days near the end of a cycle. He feels that the dispatcher can probably arrange for them to base load if required.

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cc: P. S. Check  
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