

FEB 19 1985

Docket No.: STN 50-454

Mr. Dennis L. Farrar  
Director of Licensing  
Commonwealth Edison Company  
P. O. Box 767  
Chicago, Illinois 60690

Dear Mr. Farrar:

Subject: Test Program Changes - Byron Station, Unit 1

You requested changes to the Byron 1 initial plant test program in letters dated January 21 and 31, 1985. These changes related to the Power Reactivity Coefficient Measurement, Table 14.2-82, in the Byron FSAR. Specifically, these changes were:

- (1) The test would be performed at power levels of 30, 50, 75 and 90% of full reactor power rather than the Regulatory Guide 1.68, Revision 2, guidance of 25, 50, 75 and 100% of full reactor power;
- (2) Change the word "determined" to "verify" in the test objective and test summary;
- (3) Delete the reference to "power defect" in the test objective and test summary, and delete "reactivity computer response and" from the test summary; and
- (4) Modify the acceptance criteria to an explicit limit which compares the calculated and measured value of the Power Coefficient Verification Factor;

We have reviewed the requested changes and find them to be acceptable. The changes represent revised test methodology consistent with other approved test programs (e.g., McGuire Nuclear Station, Unit 1) and is currently recommended by Westinghouse, the NSSS vendor.

(5)  
B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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A handwritten signature in black ink, appearing to read "B. J. Youngblood".

B. J. Youngblood, Chief  
Licensing Branch No. 1  
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