



**Commonwealth Edison**

1400 Opus Place  
Downers Grove, Illinois 60515

December 28, 1994

Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

ATTN: Document Control Desk

SUBJECT: Byron Nuclear Power Station Unit 1  
Cycle 7 Operating Limits Report-Revision 1  
NRC Docket No. 50-454

REFERENCE: H.D. Pontious letter to USNRC dated October 28, 1994

Pursuant to Generic Letter 88-16, "Removal of Cycle Specific Parameter Limits From Technical Specifications," ComEd is providing the NRC with Revision 1 to the Byron Unit 1 Cycle 7 Operating Limits Report. The purpose of this letter is to transmit the revised Fxy and Fq\*P values for the Operating Limits Report applicable to Cycle 7 for Byron Unit 1.

The Operating Limits Report provided to the NRC in Reference 1 included Fxy limits which penalized all fuel assemblies in the core due to the missing support pins. The attached Operating Limits Report - Revision 1 provides less restrictive Fxy limits developed by applying a missing support pin penalty on an assembly specific basis as opposed to a core-wide basis. Implementation of this revision of the Operating Limits Report will preclude Byron Station from performing unnecessary additional surveillances, as would be required in Technical Specification 3/4.2.2, Heat Flux Hot Channel Factor - Fq(z).

The attachment to this letter provides the Operating Limits Report - Revision 1 for Cycle 7 pursuant to Technical Specification 6.9.1.9. The revised Operating Limits Report was developed by applying NRC approved reload design methodologies developed by Westinghouse. ComEd has verified that the revised limits do not affect the cycle specific limits generated during the reload design process.

Please direct any questions regarding this notification to this office.

Very Truly yours,

*Terrence W. Simpkin*  
T.W. Simpkin

Nuclear Licensing Administrator

Attachment - Byron Unit 1 Cycle 7 Operating Limits Report - Revision 1

cc: G. Dick, Byron Project Manager - NRR  
J. Martin, Regional Administrator - RIII  
H. Peterson, Senior Resident Inspector - Byron  
Office of Nuclear Facility Safety - IDNS

ADD

**ATTACHMENT**

**Byron Unit 1 Cycle 7 Operating Limits Report - Revision 1**