Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

September 11, 1984

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Byron Station Units 1 and 2
Revised Response "Control of
Heavy Loads at Nuclear Power Plants
NRC Docket Nos. 50-454/455

Reference (a): Letter from E. D. Swartz to H. R. Denton
dated April 26, 1983

Dear Mr. Denton:

Byron Station desires the ability to load the unit one core directly from the spent fuel pool. Such a change in the core loading philosophy would allow for a reduction in the number of fuel moves. This would diminish the possibility that fuel damage might occur while working under the time constraints imposed during the fuel loading process.

Reference (a) response 4b contained a commitment regarding the control of heavy loads during the construction phase with new fuel stored in the spenf fuel pits. The response said electrical interlocks were installed to prevent motion of the auxiliary hook closer than 15 feet west of the spent fuel pit and within 20 feet north of the new fuel storage area in the spent fuel pit. It is now apparent that more storage area within the spent fuel pool is required for the 193 assemblies. We are therefore amending our response to include a 15 foot minimum between the auxiliary hook motion and the north end of the new fuel storage area in the spent fuel pit. We believe this revised commitment is still in line with the guidelines furnished in NUREG-0612 paragraph 5.1.2. The electrical interlocks are to remain in the same location.

Please address any questions that you or your staff may have concerning this matter to this office. Our plan is to commence placing fuel into the spent fuel pool sometime after September 15, 1984.

One signed original and fifteen copies are enclosed for your use.

Very truly yours,

Greg Alexander

Greg Alexander
Nuclear Licensing Administrator

cc: J. G. Keppler - RIII
RIII Inspector - BY
L. Olshan - LB1

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