



September 28, 1982

Mr. Cecil O. Thomas, Chief
Standardization & Special Projects Branch
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

- References:
1. IP letter 11/17/81 (U-0329), G. S. Green to M. Tokar, NRC Core Performance Branch.
 2. IP letter 3/12/82, D. L. Holtzscher (LRG-II Chairman) to J. R. Miller, NRC.
 3. Internal NRC Memorandum, 8/19/82, L. S. Rubenstein to T. Novak, subject: Resolution of LRG-II Channel Box Deflection Issue (LRG-II Issue 3-CPB).
 4. IP letter 3/30/82, (U-0454), G. E. Wuller to J. R. Miller, NRC; LRG-II Positions for CPS.

Dear Mr. Thomas:

Clinton Power Station Unit 1
Docket No. 50-461
Channel Box Deflection Issue

The Safety Evaluation Report for the Clinton Power Station (NUREG-0853) addresses the issue of Channel Box Deflection in Section 4.2.3.13. It is indicated there that Illinois Power will implement a program to monitor channel box deflection which is based upon a multistep procedure proposed by the Zimmer Project and accepted by the Staff. The triggering point for initiating the control rod drive friction test portion of the Zimmer program would be 30,000 Mwd/t associated fuel bundle exposure. Illinois Power did not agree with the 30,000 Mwd/t exposure value as the trigger point and indicated, in reference (1) letter that it would work through the Licensing Review Group (LRG-II) to justify a higher value.

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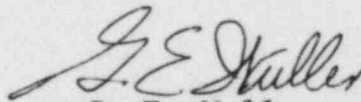
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Since that time LRG-II has prepared a position paper on this subject and submitted it to the NRC via reference (2) letter. That position paper accepts the basic Zimmer program and the 30,000 Mwd/t exposure value as the triggering point for initiating control rod drive friction tests. The LRG-II position however, substitutes a screening-type friction test in place of the settling friction test proposed in the Zimmer program. The LRG-II position paper has since been reviewed by the NRC Staff and found acceptable as indicated in reference (3) letter.

Since Illinois Power Company is a member of LRG-II and has incorporated the above position paper on our operating license application via reference (4) letter, we are requesting that the above discussed LRG-II program on the channel box deflection concern be incorporated into a future supplement to the Clinton Safety Evaluation Report as superseding the information contained in SER Section 4.2.3.13.

Please contact me if you have any questions on this request.

Sincerely,



G. E. Wuller
Supervisor-Licensing
Nuclear Station Engineering

GEW/DLH/lt

Enclosure

cc: Mr. J. H. Williams, NRC Clinton Project Manager
Mr. H. H. Livermore, NRC Resident Inspector
Illinois Dept. of Nuclear Safety