



Commonwealth Edison

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

January 19, 1989

Dr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Nuclear Power Station Unit 2
Clarifications to Amendment #104
NRC Safety Evaluation Report (SER)
NRC Docket No. 50-237

- References (a): January 6, 1989 letter from B.L. Siegel to
H.E. Bliss transmitting DPR-19, Amendment #104
and SER.
- (b): January 17, 1989 conference call between CECO
(J. Silady, M. Wagner, et al.) and NRC (B. Siegel).

Dear Dr. Murley:

The Reference (a) amendment and SER approved preparatory changes to the Dresden Unit 2 Technical Specifications which facilitate Commonwealth Edison reviews of the current reload for Cycle 12 and future reloads per 10 CFR 50.59. At the request of B.L. Siegel, the attachment to this letter documents two of the clarifications to the Staff SER which were discussed in the Reference (b) conference call. It also describes a desired correction to one of the Technical Specification pages issued by Reference (a). In addition, several very minor administrative changes were identified for other pages as discussed in Reference (b).

Please contact this office should further information be required.

Very truly yours,

J. A. Silady
Nuclear Licensing Administrator

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Attachment

cc: A.B. Davis - Regional Administrator, RIII
B.L. Siegel - Project Manager, NRR
S.G. DuPont - Resident Inspector - Dresden

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ATTACHMENT

CLARIFICATIONS TO DRESDEN 2

AMENDMENT #104

- a) SER Discussion of Fuel Types (Pages 1 and 2)

Reference: XN-NF-86-103, "Dresden Unit 2 Cycle 11 Reload Analysis",
September 1986.

The Dresden 2 Cycle 12 reload will consist of three bundle types, not two bundle types as was discussed in the NRC SER. The additional bundle type is identical to XN-3L (as described in the reference) which was NRC approved and loaded in Dresden 2 Cycle 11. This 9x9 bundle type has an average enrichment of 3.13 w/o U235 with the enriched portion of the bundle at 3.35 w/o. The gadolinia loading is uniform throughout the enriched portion of the bundle, with seven gadolinia rods at a concentration of 3.5 w/o. This additional bundle type was required to yield adequate reactivity margins for Cycle 12 as a result of the coastdown of Dresden 2 Cycle 11 and the planned extension of Cycle 12 into the Fall of 1991.

- b) SER Discussion of SRS (Page 1):

Also, please note that the Single Rod Sequencing (SRS) mode of operation is not assumed in the rod withdrawal error calculation, and references to such a relationship in the NRC SER may be misinterpreted. Dresden plans to operate in the SRS mode for operational efficiency and simplicity, but is not required to do so to assure that the control rod withdrawal error is not limiting.

- c) Technical Specification Page 3/4.5-20 (Figure 3.5-1, Sheet 3 of 3):

This page is the MAPLHGR curve for the GE Lead Test Assemblies (LTAs). The issued version, while properly labeled on the Figure title and the graph's x and y axis, is incorrectly labeled in the tabular listing below the graph. The column titled "Bundle Average Exposure" should read "Average Planar Exposure".

- d) Other very minor clerical/administrative problems exist on T.S. pages 1.0-5, 1.0-6, 1/2.1-3, and 3/4.5-8, as discussed on the January 17, 1989 conference call with B. Siegel.