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October 23, 1984

DOCKETING & SERVE

Ivan W. Smith, Esquire
Administrative Judge and
Chairman
Atomic Safety and Licensing
Board
U.S. Nuclear Regulatory
Commission

Washington, D. C. 20555

Dr. Richard F. Cole
Administrative Judge
Atomic Safety and
Licensing Board
U.S. Nuclear Regulatory
Commission
Washington, D. C. 20555

Dr. A. Dixon Callihan Administrative Judge Union Carbide Corporation P.O. Box Y Oak Ridge, Tennessee 37830

Re: In the Matter of Commonwealth Edison Company (Byron Nuclear Power Station, Units 1 and 2) Docket Nos. 50-454 and 50-455

Dear Administrative Judges:

Enclosed is Commonwealth Edison Company's supplemental response to Mr. Keppler relating to evaluation of the slenderness ratio and lateral unbraced length limitations applied to certain component support steel members on Byron Unit 1. The question concerning slenderness ratio was first raised by Intervenors' witness, Mr. Stokes, in testimony that was filed and eventually excluded from evidence in the remanded hearings before the Atomic Safety and Licensing Board. (Prepared testimony at 25-26, ff. Tr. 10,770.) Both questions were subsequently raised by Mr. Stokes, and were among the items for which the NRC Staff sought a response in Mr. Streeter's October 4, 1984 letter to Commonwealth Edison Company (Items C.7.d and D.2). Also enclosed are the portions of Commonwealth Edison's October 12 response to Mr. Streeter's October 4 letter that relate to these two items.

B411060537 B41023 PDR ADDCK 05000454 PDR Wery truly yours,

Michael I. Miller
One of the Attorney's for
Commonwealth Edison Company

MIM/lb Enclosures

cc: See Attached Service List

DS03

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Appeal Board Panel U.S. Nuclear Regulatory Commission Washington, D. C. 20555

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