



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

November 19, 1982

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
 Braidwood Station Units 1 and 2
 FSAR Amendment 40
 NRC Docket Nos. 50-454, 50-455,
50-456 and 50-457

Dear Mr. Denton:

The application for construction permits and operating licenses for Byron Station Units 1 and 2 and Braidwood Station Units 1 and 2, docketed September 20, 1973, are hereby amended by submittal of Amendment 40 pursuant to 10 CFR 50.34.

Amendment No. 40 to the Byron/Braidwood FSAR consists of new responses to questions from the Power Systems Branch (040.0 series) and the Effluent Treatment Systems Branch (321.0 series). Also included are revised responses to Questions 010.17, 010.53, 022.5, 022.8, 022.10, 022.73, 110.72, 130.37, 130.41, 212.9C, 241.1, 241.6, 281.7, 311.8, 321.43, 371.5 (Braidwood), and 371.9 (Byron), and voluntary text changes.

Attachment A to this letter lists the questions answered in this amendment. Attachment B lists the questions that will be answered in future amendments.

Three signed originals and fifty-seven copies of this amendment are submitted for your use.

Please direct questions to this office.

Very truly yours,

T. R. Tramm
 Nuclear Licensing Administrator

lm

SUBSCRIBED and SWORN to
 before me this 22nd day
 of November, 1982

Roshe A. Prenter
 Notary Public

DOIA
 3/57

8211290530 821119
 PDR ADDCK 05000454
 PDR
 K

Attachment A

List of Round One and Round
Two Questions Answered in
Byron/Braidwood FSAR Amendment 40

I. Power Systems Branch (Series 040.184 - 040.188)

The following question has been responded to in this amendment:

040.188

II. Effluent Treatment Systems Branch (Series 321.53)

The following question has been responded to in this amendment:

321.53

Attachment B

List of Round One and Round Two
Questions Not Answered in Byron/
Braidwood FSAR Amendment No. 40

I. Auxiliary Systems Branch (Series 010.0)

The following questions will be answered in future FSAR amendments:

010.57 parts c, d, and e
010.58

II. Reactor Systems Branch (Series 212.0)

The following questions will be answered in a future FSAR amendment:

212.112
212.157

III. Equipment Qualification Branch (Series 271.0)

The following three questions will be answered in a future FSAR amendment:

271.1 through 271.3

IV. Hydrologic and Geotechnical Engineering Branch (Series 362.0)

The following question will be answered in a future FSAR amendment:

362.1 (Braidwood)