

Docket No.: STN 50-454

AUG 27 1985

Mr. Dennis L. Farrar
Director of Nuclear Licensing
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Farrar:

Subject: Byron 1 - Environmental Effects of High Energy Line Breaks

Your letter dated May 17, 1985 provided justification for continued operation of Byron 1 in light of revised predicted environmental parameters resulting from certain high energy line breaks. By letter dated May 20, 1985, we concluded that the interim measure of posting personnel at designated locations was adequate to detect and isolate breaks before the environmental conditions exceed predicted values.

By letter dated August 23, 1985 you stated that the permanent modification will not be completed until September 30, 1985. As long as you continue to keep personnel posted at the designated locations, as you have committed to in your letter, we find this schedule acceptable.

Sincerely,

(5)

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

cc: See next page

DISTRIBUTION:

Docket File

NRC PDR

Local PDR

PRC System

NSIC

LB#1 R/F

MRushbrook

LOlshan

OELD

ACRS (16)

JPartlow

EJordan

BGrimes

LB#1/DL

LOlshan/mac

8/27/85

LB#1/DL

BJYoungblood

8/27/85

8508300499 850827
PDR ADOCK 05000454
P PDR

Mr. Dennis L. Farrar
Commonwealth Edison Company

Byron Station
Units 1 and 2

cc:

Mr. William Kortier
Atomic Power Distribution
Westinghouse Electric Corporation
Post Office Box 355
Pittsburgh, Pennsylvania 15230

Michael Miller
Isham, Lincoln & Beale
One First National Plaza
42nd Floor
Chicago, Illinois 60603

Mrs. Phillip B. Johnson
1907 Stratford Lane
Rockford, Illinois 61107

Dr. Bruce von Zellen
Department of Biological Sciences
Northern Illinois University
DeKalb, Illinois 61107

Mr. Edward R. Crass
Nuclear Safeguards & Licensing
Sargent & Lundy Engineers
55 East Monroe Street
Chicago, Illinois 60603

Mr. Julian Hinds
U. S. Nuclear Regulatory Commission
Byron/Resident Inspectors Offices
4448 German Church Road
Byron, Illinois 61010

Mr. Michael C. Parker, Chief
Division of Engineering
Illinois Department of
Nuclear Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Ms. Diane Chavez
528 Gregory Street
Rockford, Illinois 61108

Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Joseph Gallo, Esq.
Isham, Lincoln & Beale
Suite 840
1120 Connecticut Avenue, N.W.
Washington, D. C. 20036

Douglass Cassel, Esq.
109 N. Dearborn Street
Suite 1300
Chicago, Illinois 60602

Ms. Pat Morrison
5568 Thunderidge Drive
Rockford, Illinois 61107

Ms. Lorraine Creek
Rt. 1, Box 182
Manteno, Illinois 60950