

Docket Nos.: STN 50-454
and STN 50-455

OCT 30 1985

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

Dear Mr. Farrar:

Subject: Audit Results for Byron's Safety Parameter Display System

Enclosed is an Audit Report prepared by Science Applications International Corporation (SAIC) detailing the results of our audit of the Byron Safety Parameter Display System (SPDS), conducted July 24-26, 1985. The staff agrees with the technical positions and conclusions presented in this report. Our audit identified several human engineering discrepancies which you should evaluate and resolve. We also requested you to submit, when completed, the corporate verification and validation report on the SPDS to allow us to complete our review of this issue.

If any clarification is needed, please contact the Project Manager, Leonard Olshan at (301) 492-7070.

Sincerely,

ORIGINAL SIGNED BY:

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

Enclosure: As stated

cc: See next page

DISTRIBUTION:

<u>Docket File</u>	LOlshan
NRC PDR	OELD
Local PDR	ACRS (16)
PRC System	JPartlow
NSIC	EJordan
LB#1 R/F	BGrimes
MRushbrook	LBeltracchi

LB#1:DL
LOlshan/kab
10/30/85

LB#1:DL
BJYoungblood
10/30/85

OCT 30 1985

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