



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 14, 1995

Docket File
50-454/455

Mr. D. L. Farrar, Manager
Nuclear Regulatory Services
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: INSERVICE INSPECTION PLAN FOR PRESSURE TESTING RELIEF REQUEST-
BYRON STATION, UNITS 1 AND 2 (TAC NOS. M90326 AND M90327)

Dear Mr. Farrar:

By letter dated August 29, 1994, Commonwealth Edison (ComEd) requested approval of proposed modifications to the inservice inspection requirements. The proposed changes incorporate Relief Request HR-1, "Alternate Hydrostatic Pressure Test Requirements for ASME Class 1, 2, and 3 Repaired or Replaced Components," Relief Request HR-2, "Alternate Rules for 10 Year Hydrostatic Pressure for Class 3 Systems," and Technical Approach and Position, SP-06, "Adoption of Regulatory Guide 1.147 Approved Code Cases."

We, with technical assistance from the Idaho National Engineering Laboratory (INEL), reviewed and evaluated the information provided in the submittal. Based on the information submitted, the staff adopts the contractor's conclusions and recommendations presented in their Technical Letter Report. The proposed alternatives contained in Revision 0a, Relief Request HR-1 (use of Code Case N-416-1) and Relief Request HR-2 (use of Code Case N-498-1), are authorized pursuant to 10 CFR 50.55a(a)(3)(ii) as compliance with the specified requirements of Section XI would result in hardship and/or unusual difficulty without a compensating increase in the level of quality and safety. Use of N-416-1 is authorized provided that additional surface examinations are performed on the root (pass) layer of butt and socket welds on the pressure retaining boundary of Class 3 components when the surface examination method is used in accordance with Section III. Use of Code Cases N-416-1 and N-498-1 is authorized until such time as these code cases are published in a future revision of Regulatory Guide 1.147. At that time, if it is the intent to continue to implement this code case, ComEd is to follow all provisions in Code Cases N-498-1 and N-416-1 with limitations issued in Regulatory Guide 1.147, if any.

The proposed inclusion of Code Case Table SP-06-1, "Acceptable Code Cases for Byron Station Implementation" in Revision 0a, has not been reviewed because the effect on the program plan has not been evaluated. Consequently, inclusion into the inservice inspection plan is not approved.

170056

9503170334 950314
PDR ADOCK 05000454
Q PDR

NRC FILE CENTER COPY JFol
11

D. L. Farrar,

- 2 -

Our evaluation and conclusions are contained in the enclosed Safety Evaluation (Enclosure 1). Our contractor's Technical Letter Report is included as Enclosure 2.

Sincerely,

original signed by:

Robert A. Capra, Director
Project Directorate III-2
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

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

Enclosures: 1. Safety Evaluation
2. Technical Letter Report

cc w/encls: See next page

DISTRIBUTION

Docket File	WRussell/FMiraglia
PUBLIC	RZimmerman
PDIII-2 r/f	RSpessard
EAdensam	JLieberman
RCapra	EJordan
GDick	GHill(4)
CMoore	OPA
OGC	OC/LFDCB
KBattige	BMcCabe, EDO
ACRS(4)	BClayton, RIII
LMiller, RIII	

DOCUMENT NAME: BY90326.SE

*See previous concurrence

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

OFFICE	LA:PD3-2	PM:PD3-2	E	OGC	D:PD3-2	E
NAME	CMoore <i>de</i>	GDick:rc <i>de</i>		MYoung*	RCapra <i>ROC</i>	
DATE	03/14/95	03/14/95		03/13/95	03/14/95	

OFFICIAL RECORD COPY

D. L. Farrar

- 2 -

Our evaluation and conclusions are contained in the enclosed Safety Evaluation (Enclosure 1). Our contractor's Technical Letter Report is included as Enclosure 2.

Sincerely,

George F. Dick, Jr., Project Manager
Project Directorate III-2
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

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

Enclosures: 1. Safety Evaluation
2. Technical Letter Report

cc w/encls: See next page

DISTRIBUTION

Docket File
PUBLIC
PDIII-2 r/f
EAdensam
RCapra
GDick
CMoore
OGC
KBattige
ACRS(4)
LMiller, RIII

WRussell/FMiraglia
RZimmerman
RSpessard
JLieberman
EJordan
GHill(4)
OPA
OC/LFDCB
BMcCabe, EDO
BClayton, RIII

DOCUMENT NAME: BY90326.SE

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

OFFICE	LA:PD3-2	PM:PD3-2	OGC <i>W. Russell</i>	N	D:PD3-2
NAME	CMoore <i>at for</i>	GDick:rc	<i>W. Russell</i>	RCapra	
DATE	03/10/95	03/ /95	03/12/95	03/ /95	

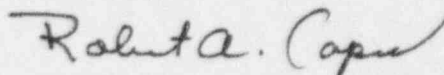
OFFICIAL RECORD COPY

D. L. Farrar

- 2 -

Our evaluation and conclusions are contained in the enclosed Safety Evaluation (Enclosure 1). Our contractor's Technical Letter Report is included as Enclosure 2.

Sincerely,



Robert A. Capra, Director
Project Directorate III-2
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

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

Enclosures: 1. Safety Evaluation
2. Technical Letter Report

cc w/encls: See next page

D. L. Farrar
Commonwealth Edison Company

cc:

Mr. William P. Poirier, Director
Westinghouse Electric Corporation
Energy Systems Business Unit
Post Office Box 355, Bay 236 West
Pittsburgh, Pennsylvania 15230

Joseph Gallo
Gallo & Ross
1250 Eye St., N.W.
Suite 302
Washington, DC 20005

Michael I. Miller, Esquire
Sidley and Austin
One First National Plaza
Chicago, Illinois 60690

Howard A. Learner
Environmental Law and Policy
Center of the Midwest
203 North LaSalle Street
Suite 1390
Chicago, Illinois 60601

U.S. Nuclear Regulatory Commission
Byron Resident Inspectors Office
4448 North German Church Road
Byron, Illinois 61010-9750

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, Illinois 60532-4351

Byron Station
Unit Nos. 1 and 2

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

Chairman, Ogle County Board
Post Office Box 357
Oregon, Illinois 61061

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

Attorney General
500 South Second Street
Springfield, Illinois 62701

EIS Review Coordinator
U.S. Environmental Protection Agency
77 W. Jackson Blvd.
Chicago, Illinois 60604-3590

Illinois Department of
Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Commonwealth Edison Company
Byron Station Manager
4450 North German Church Road
Byron, Illinois 61010

Kenneth Graesser, Site Vice President
Byron Station
Commonwealth Edison Station
4450 N. German Church Road
Byron, Illinois 61010