



50-277/278  
50-352/353

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

December 12, 1996

Mr. Dickinson M. Smith, President PECO Nuclear  
PECO Energy Company  
Correspondence Control Desk  
P. O. Box 195  
Wayne, PA 19087-0195

SUBJECT: DRAFT NUREG-1560, "INDIVIDUAL PLANT EXAMINATION PROGRAM:  
PERSPECTIVES ON REACTOR SAFETY AND PLANT PERFORMANCE, SUMMARY  
REPORT," - REQUEST FOR COMMENTS

Dear Mr. Smith:

The Nuclear Regulatory Commission (NRC) has published a draft of "Individual Plant Examination Program: Perspectives on Reactor Safety and Plant Performance, Summary Report," NUREG-1560. Draft NUREG-1560 is comprised of two volumes. Volume 1 (Part 1) provides an overall summary of the key perspectives. Volume 2 (Parts 2 through 5) provides a more in-depth discussion of the perspectives summarized in Part 1. This report summarizes the insights and findings from our review of the Individual Plant Examinations (IPEs) submitted to the NRC in response to Generic Letter 88-20. A copy of this draft NUREG was recently mailed to your organization for review and comment. The distribution to your organization included: the Plant Managers of the nuclear plants for which you are responsible, the licensee-identified contacts at those plants, and a nuclear executive. Notification of the availability of the NUREG for public comment was also published in the Federal Register on November 14, 1996 (61 FR 58249).

The purpose of this letter is to bring to your personal attention the availability of this report. We would appreciate any comments you may have as discussed below; however, any response to this letter is voluntary. If you require an additional copy of the report, you may request one by writing to Distribution Series, Printing and Mail Services Branch, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

Draft NUREG-1560 is based entirely on docketed information submitted to the NRC in conjunction with the IPE program. NUREG-1560 is published as a draft for comment, partly because the staff recognizes that most licensees have updated their IPEs and have made hardware and procedural/operational modifications that have not been reflected in the docketed information. As part of any comments on Part 1, updated information regarding your IPE(s) would be appreciated.

Chapter 8 of Volume 1 of NUREG-1560 discusses the potential need for followup regulatory activities by the NRC based on IPE insights. Comments on those activities would also be helpful.

1/0  
DFU

170080

9612180338 961212  
PDR ADOCK 05000277  
P PDR

NRC FILE CENTER COPY

In addition, comparisons among plants are provided in Volume 1. Although only a few licensees identified vulnerabilities and no common vulnerabilities were identified, the NRC review identified several vulnerabilities as perhaps being applicable to many BWRs or PWRs. Your insights about your plant or plants in light of these global perspectives are also welcome.

The staff, in its review of the IPEs, pursued five major objectives in documenting perspectives from the reviews:

- (1) The impact of the IPE program on reactor safety, including the number and type of vulnerabilities or other safety issues that have been identified and the safety enhancements that have been implemented.
- (2) Plant-specific features and assumptions that play a significant role in the estimation of core damage frequency (CDF) and the analysis of containment performance.
- (3) The importance of the operator's role in CDF estimation and containment performance analysis.
- (4) The potential role of the IPEs in risk-informed regulation, given the limited scope of the staff's review.
- (5) General perspectives: (a) the implication of the IPE results relative to the current risk level of U.S. plants compared with the Commission's Safety Goals, (b) the improvements that have been identified as a result of implementation of the Station Blackout Rule, and (c) comparison of the IPE results with NUREG-1150.

Response to this letter is voluntary. Please mail any comments on Draft NUREG-1560 (Volumes 1 and 2) by February 14, 1997, to Mary Drouin, Office of Nuclear Regulatory Research, Mail Stop T-10-E50, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. For further information, contact Mr. Edward Chow, Office of Nuclear Regulatory Research on (301) 415-6571.

Prior to finalizing NUREG-1560, a 3-day workshop will be held April 7-9, 1997, in Austin, Texas, to address comments and answer questions. Information on the workshop location, agenda, registration, etc., will be published in the Federal Register in mid-December 1996 with notification of availability of

D. Smith

- 3 -

Volume 2, Parts 2 through 5, of Draft NUREG-1560. Workshop attendance information should be directed to Martha Lucero, Sandia National Laboratories, Phone (505) 845-9787, fax (505) 844-1392, e-mail mlucero@sandia.gov.

Sincerely,

/S/ A. Thadani for

Frank J. Miraglia, Acting Director  
Office of Nuclear Reactor Regulation

Docket Nos. 50-277/278  
50-352/353

cc: See next page

DISTRIBUTION

Docket File

PUBLIC

PDI-2 Reading

SVarga/JZwolinski

JStolz

FRinaldi/JShea

MO'Brien

RHernan

MDrouin

OGC

ACRS

WPasciak, RGN-I

\*Previously Concurred

OFFICE	PDIII-3/PM*	PDI-2/PM	PDI-2/PM	PDI-2/LA	RES/PRAB/C*	PD1-2/D	DRPE/DD	ADPR*	NRR/D
NAME	RHernan	JShea:fb	FRinaldi	MO'Brien	MCunningham	JStolz	JZwolinski	RZimmerman	FMiraglia
DATE	11/12/96	12/7/96	12/9/96	12/9/96	11/12/96	12/9/96	12/9/96	11/22/96	12/11/96

OFFICIAL RECORD COPY

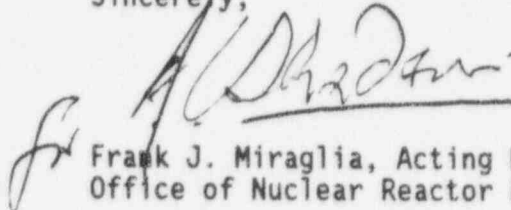
DOCUMENT NAME: LIPBIPE.LTR

D. Smith

- 3 -

Volume 2, Parts 2 through 5, of Draft NUREG-1560. Workshop attendance information should be directed to Martha Lucero, Sandia National Laboratories, Phone (505) 845-9787, fax (505) 844-1392, e-mail mlucero@sandia.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Frank J. Miraglia", is written over a horizontal line. To the left of the signature is a small, stylized handwritten mark that looks like "fr".

Frank J. Miraglia, Acting Director  
Office of Nuclear Reactor Regulation

Docket Nos. 50-277/278  
50-352/353

cc: See next page

PECO Energy Company

Peach Bottom Atomic Power Station,  
Units 2 and 3  
Limerick Generating Station,  
Units 1 and 2

cc:

J. W. Durham, Sr., Esquire  
Sr. V.P. & General Counsel  
PECO Energy Company  
2301 Market Street, S26-1  
Philadelphia, Pennsylvania 19101

Mr. Rich R. Janati, Chief  
Division of Nuclear Safety  
Pennsylvania Department of  
Environmental Resources  
P.O. Box 8469  
Harrisburg, Pennsylvania 17105-8469

PECO Energy Company  
ATTN: Mr. T. N. Mitchell, Vice President  
Peach Bottom Atomic Power Station  
1848 Lay Road  
Delta, Pennsylvania 17314

Board of Supervisors  
Peach Bottom Township  
R. D. #1  
Delta, Pennsylvania 17314

PECO Energy Company  
ATTN: Regulatory Engineer, A4-5S  
Peach Bottom Atomic Power Station  
Route 1, Box 208  
Delta, Pennsylvania 17314

Public Service Commission of Maryland  
Engineering Division  
Chief Engineer  
6 St. Paul Centre  
Baltimore, MD 21202-6806

Resident Inspector  
U.S. Nuclear Regulatory Commission  
Peach Bottom Atomic Power Station  
P.O. Box 399  
Delta, Pennsylvania 17314

Mr. Richard McLean  
Power Plant and Environmental  
Review Division  
Department of Natural Resources  
B-3, Tawes State Office Building  
Annapolis, Maryland 21401

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

Mr. David P. Helker, 62A-1  
Manager - Limerick Licensing  
PECO Energy Company  
965 Chesterbrook Boulevard  
Wayne, Pennsylvania 19087-5691

Mr. Roland Fletcher  
Department of Environment  
201 West Preston Street  
Baltimore, Maryland 21201

Mr. Walter G. MacFarland, Vice President  
Limerick Generating Station  
P.O. Box A  
Sanatoga, Pennsylvania 19464

A. F. Kirby, III  
External Operations - Nuclear  
Delmarva Power & Light Company  
P.O. Box 231  
Wilmington, DE 19899

Mr. Robert Boyce  
Plant Manager  
Limerick Generating Station  
P.O. Box A  
Sanatoga, Pennsylvania 19464

Chairman  
Board of Supervisors  
of Limerick Township  
646 West Ridge Pike  
Linfield, PA 19468

PECO Energy Company

Peach Bottom Atomic Power Station,  
Units 2 and 3  
Limerick Generating Station,  
Units 1 and 2

Mr. Darryl P. Lequia  
Director - Site Support Services  
Limerick Generating Station  
P. O. Box A  
Sanatoga, Pennsylvania 19464

Mr. Neil S. Perry  
Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 596  
Pottstown, PA 19464

Mr. James L. Kantner  
Manager - Experience Assessment  
Limerick Generating Station  
P. O. Box A  
Sanatoga, Pennsylvania 19464

Library  
U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Ludwig E. Thibault  
Senior Manager - Operations  
Limerick Generating Station  
P. O. Box A  
Sanatoga, Pennsylvania 19464

Dr. Judith Johnsrud  
National Energy Committee  
Sierra Club  
433 Orlando Avenue  
State College, PA 16803

Mr. Michael P. Gallagher  
Director - Site Engineering  
Limerick Generating Station  
P.O. Box A  
Sanatoga, Pennsylvania 19464

PECO Energy Company  
G. D. Edwards, Plant Manager  
Peach Bottom Atomic Power Station  
Route 1, Box 208  
Delta, Pennsylvania 17314

Bryan W. Gorman, Manager  
Joint Owners/External Affairs Interface  
Public Service Electric and Gas  
Company  
P.O. Box 236  
Hancocks Bridge, NJ 08038-0236

Mr. George A. Hunger, Jr.  
Director-Licensing, MC 62A-1  
PECO Energy Company  
Nuclear Group Headquarters  
Correspondence Control Desk  
P.O. Box No. 195  
Wayne, PA 19087-0195