PSE&G

Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 201/430-6468

Richard Fryling, Jr. Assistant General Solicitor

2/5/79

February 5, 1979

50-272

R. William Potter, Esq.
Assistant Deputy Public Advocate
Department of the Public Advocate
Division of Public Interest Advocacy
Post Office Box 141
Trenton, New Jersey 08601

Dear Mr. Potter:

Enclosed for service upon you, please find the original, "Licensee's Response to Interrogatory No. 20 of Intervenors' First Set of Interrogatories to the Licensee Dated November 21, 1978".

Very truly yours,

Richard Fryling, Jr.

Enclosure

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	
PUBLIC SERVICE ELECTRIC & GAS COMPANY, et al.	)	Docket No. 50-272
	)	
(Salem Nuclear Generating Station, Unit 1)	)	

LICENSEE'S RESPONSE TO INTERROGATORY NO. 20 OF INTERVENORS' FIRST SET OF INTERROGATORIES TO THE LICENSEE DATED NOVEMBER 21, 1978

Pursuant to the Order of the Atomic Safety and Licensing Board dated January 29, 1979, Licensee hereby answers Interrogatory No. 20 of Intervenors' First Set Of Interrogatories To The Licensee Dated November 21, 1978. Interrogatory No. 17, as referenced in the Order, was answered by Licensee in its Response dated December 11, 1978.

Respectfully submitted,

Richard Fryling, Jr.

Richard Fryling, Jr.
Counsel for Licensee

February 5, 1979

20. Question

Please describe the allowable distortion or damage for fuel storage cells (see P. 33). What is the sensitivity of the K_{eff} to damage or distortion of the cell dimensions.

Answer

Please see Licensees' response to Question 15 contained in the December 22, 1978 submittal. As discussed therein, since the worst case conditions were shown to be acceptable, sensitivity calculations for K_{eff} as a function of cell spacing were not performed.

VERIFICATION

EDWIN A. LIDEN, being duly sworn, states that he is Project Licensing Manager - Salem Nuclear Generating Station of Public Service Electric and Gas Company; that he has been duly authorized to execute, verify and file the foregoing document, "Licensee's Response to Interrogatory No. 20 of Intervenors' First Set Of Interrogatories To The Licensee Dated November 21, 1978"; that he has read the contents of same and that the statements contained therein are true and correct to his best information, knowledge and belief.

Edwin A. Liden

EDWIN A. LIDEN

Subscribed and sworn to)
before me this 5th day)
of February 1979.)

(SEAL)

Joan M. Scott

JOAN M. SCOTT
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Sept. 11, 1979

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

In the Matter of	)	
	)	
PUBLIC SERVICE ELECTRIC AND GAS COMPANY, et al.	)	Docket No. 50-272
	)	
(Salem Nuclear Generating Station, Unit 1)	)	

CERTIFICATE OF SERVICE

I hereby certify that copies of "Licensee's Response to Interrogatory No. 20 of Intervenors' First Set of Interrogatories to the Licensee Dated November 21, 1978", in the captioned matter, have been served upon the following by deposit in the United States mail this 5th day of February, 1979:

Gary L. Milhollin, Esq.
Chairman, Atomic Safety and Licensing Board
1815 Jefferson Street
Madison, Wisconsin 53711

Mr. Glenn O. Bright
Member, Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. James C. Lamb, III
Member, Atomic Safety and Licensing Board Panel
313 Woodhaven Road
Chapel Hill, N.C. 27514

Chairman, Atomic Safety and Licensing Appeal Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Chairman, Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Barry Smith, Esq.
Office of the Executive Legal Director
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mark L. First, Esq.
Deputy Attorney General
Department of Law and Public Safety
Environmental Protection Section
36 West State Street
Trenton, N.J. 08625

Mark J. Wetterhahn, Esq.
Conner, Moore & Corber
1747 Pennsylvania Avenue, N.W.
Washington, D.C. 20006

R. William Potter, Esq.
Assistant Deputy Public Advocate
Department of the Public Advocate
Division of Public Interest
Advocacy
Post Office Box 141
Trenton, N. J. 08601

Sandra T. Ayres, Esq.
Department of the Public Advocate
520 East State Street
Trenton, N. J. 08625

Mr. Alfred C. Coleman, Jr.
Mrs. Eleanor G. Coleman
35 "K" Drive
Pennsville, New Jersey 08070

Carl Valore, Jr., Esq.
Valore, McAllister, Aron
& Westmoreland
Mainland Professional Plaza
P. O. Box 175
Northfield, N. J. 08225

Office of the Secretary
Docketing and Service Section
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

June D. MacArtor, Esq.
Deputy Attorney General
Tatnall Building,
P. O. Box 1401
Dover, Delaware 19901

Janice E. Moore
Counsel for NRC Staff
U.S. Nuclear Regulatory
Commission
Office of the Executive
Legal Director
Washington, D.C. 20555

Richard Fryling, Jr.

RICHARD FRYLING, JR.