

OCT 05 1984

The Honorable Gregory J. Blass
Suffolk County Legislator, First District
P. O. Box 911
11 West Second Street
Riverhead, New York 11901

Dear Legislator Blass:

This letter is in response to your letter of August 23, 1984 addressed to Commissioner Palladino. After reading your letter, it was not entirely clear to me what you were referring to in saying "The dome at the top of the plant project". On October 3, 1984, M. J. Campagnone, of my staff, contacted you to clarify your concerns. During your telephone conversation you confirmed that the plant structure that you are referencing is the drywell head. The drywell head is a dome-like structure which comprises the upper boundary of the primary containment. The drywell head was installed at Shoreham and the leak rate testing of the primary containment was successfully completed in December 1982 at a pressure of 50 psig. The drywell head was then removed and is still detached at this time. It is necessary to remove the drywell head for fueling and refueling purposes. It is not intended to be a permanently installed structure. One hundred and twenty eight 2 inch bolts attach the drywell head to the mating flange which is anchored in the concrete of the primary containment. The drywell head is made of carbon steel and is not encased in concrete nor intended to be, as the concrete shielding blocks surrounding the drywell head (see Enclosures 1 and 2) provide the necessary shielding.

Thank you for your interest and I hope that this response adequately addresses your concerns.

Sincerely,

Original Signed By
E. G. Case

for
Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosures:

1. Drawing of Mark II Primary & Secondary Containment
2. Figure 3.8.1.6 of the Shoreham FSAR

cc: See next page

*See Previous Concurrences:

LB#2/DL/LA	LB#2/DL/PM	LB#2/DL/BC	OELD	AD/L/DL	D/DL
*EHylton	*MCampagnone/lb	*ASchwencer	*Bordenick	*TNovak	*DEisenhut
9/24/84	9/24/84	9/24/84	9/25/84	9/28/84	10/2/84

DD/DL/NRR
*ECase
10/3/84

for
D/DL/NBR
HDenton
10/14/84

8410170062 841005
PDR ADOCK 05000322
G PDR

The Honorable Gregory J. Blass
Suffolk County Legislator, First District
P. O. Box 911
11 West Second Street
Riverhead, New York 11901

Dear Legislator Blass:

This letter is in response to your letter of August 23, 1984 addressed to Commissioner Palladino. After reading your letter it is not entirely clear to me what you are referring to in saying "The dome at the top of the plant project". Having reviewed the FSAR for the Shoreham Nuclear Power Station, the plant structure that I believe you are referencing is the drywell head. The drywell head is a dome-like structure which comprises the upper boundary of the primary containment. The drywell head was installed at Shoreham and the leak rate testing of the primary containment was successfully completed in December 1982 at a pressure of 50 psig. The drywell head was then removed and is still detached at this time. It is necessary to remove the drywell head for fueling and refueling purposes. It is not intended to be a permanently installed structure. One hundred and twenty eight 2 inch bolts attach the drywell head to the mating flange which is anchored in the concrete of the primary containment. The drywell head is made of carbon steel and is not encased in concrete nor intended to be, as the concrete shielding blocks surrounding the drywell head (see Enclosures 1 and 2) provide the necessary shielding.

Thank you for your interest and I hope that this response adequately addresses your concerns.

Sincerely,

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosures:

1. Drawing of Mark II Primary & Secondary Containment
2. Figure 3.8.1.6 of the Shoreham FSAR

cc: See next page

*See Previous Concurrences:

LB#2/DL/LA
*EHylton
9/24/84

LB#2/DL/PM
*MCampagnone/lb
9/24/84

LB#2/DL/BC
*ASchwencer
9/24/84

OELD
*Bordenick
9/25/84

AD#2/DL
*Novak
9/28/84

D/DL
*DEisenhut
10/1/84

DD/DL/NRR
ECase
10/3/84

D/DL/NRR
HDenton
9/ /84

SHOREHAM (1)

Lawrence Brenner, Esq.*
Administrative Judge
Atomic Safety & Licensing Board
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Dr. George A. Ferguson
Administrative Judge
School of Engineering
Howard University
2300 6th Street, NW
Washington, DC 20059

Dr. Peter A. Morris*
Administrative Judge
Atomic Safety & Licensing Board
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Alan S. Rosenthal, Esq., Chairman*
Atomic Safety & Licensing Appeal Board
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Howard L. Blau, Esq.
217 Newbridge Road
Hicksville, New York 11801

W. Taylor Reveley III, Esq.
Hunton & Williams
707 East Main Street
P. O. Box 1535
Richmond, Virginia 23212

Howard A. Wilber*
Atomic Safety & Licensing Appeal Board
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Stephen B. Latham, Esq.
John F. Shea, III, Esq.
Twomey, Latham & Shea
Attorneys at Law
P. O. Box 398
33 West Second Street
Riverhead, New York 11901

Atomic Safety & Licensing
Board Panel*
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Atomic Safety & Licensing Appeal
Board Panel*
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Gary J. Edles, Esq.*
Atomic Safety & Licensing
Appeal Board
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Gerald C. Crotty, Esq.
Ben Wiles, Esq.
Counsel to the Governor
Executive Chamber
State Capitol
Albany, New York 12224

Herbert H. Brown, Esq.
Lawrence Coe Lanpher, Esq.
Karla J. Letsche, Esq.
Kirkpatrick, Lockhart, Hill,
Christopher & Phillips
1900 M Street, NW - 8th Floor
Washington, DC 20036

Leon Friedman, Esq.
Costigan, Hyman & Hyman
120 Mineola Boulevard
Mineola, New York 11501

James B. Dougherty, Esq.
3045 Porter Street, NW
Washington, DC 20008

Fabian G. Palomino, Esq.
Special Counsel to the Governor
Executive Chamber - State Capitol
Albany, New York 12224

Edward M. Barrett, Esq.
General Counsel
Long Island Lighting Company
250 Old County Road
Mineola, New York 11501

Mr. Brian McCaffrey
Long Island Lighting Company
Shoreham Nuclear Power Station
P. O. Box 618
North Country Road
Wading River, New York 11792

Marc W. Goldsmith
Energy Research Group, Inc.
400-1 Totten Pond Road
Waltham, Massachusetts 02154

Martin Bradley Ashare, Esq.
Suffolk County Attorney
H. Lee Dennison Building
Veteran's Memorial Highway
Hauppauge, New York 11788

Ken Robinson, Esq.
New York State Department of Law
2 World Trade Center - Room 4615
New York, New York 10047

Resident Inspector
Shoreham NPS, U. S. NRC
Post Office Box B
Rocky Point, New York 11778

Mr. William Steiger
Acting Plant Manager
Shoreham Nuclear Power Station
P. O. Box 628
Wading River, New York 11792

MHB Technical Associates
1723 Hamilton Avenue - Suite K
San Jose, California 95125

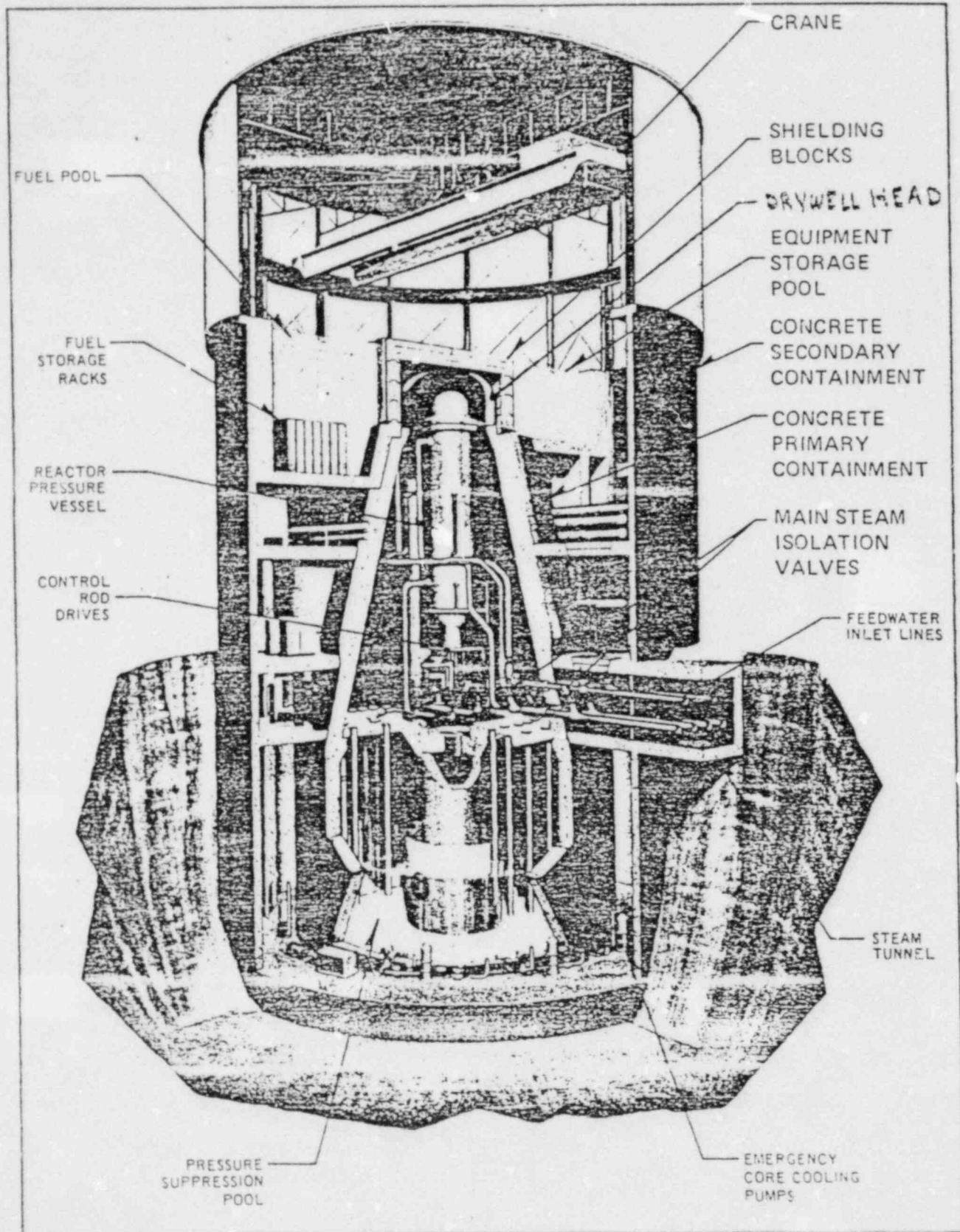
Hon. Peter Cohalan
Suffolk County Executive
County Executive/Legislative Bldg.
Veteran's Memorial Highway
Hauppauge, New York 11788

Mr. Jay Dunkleberger
New York State Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

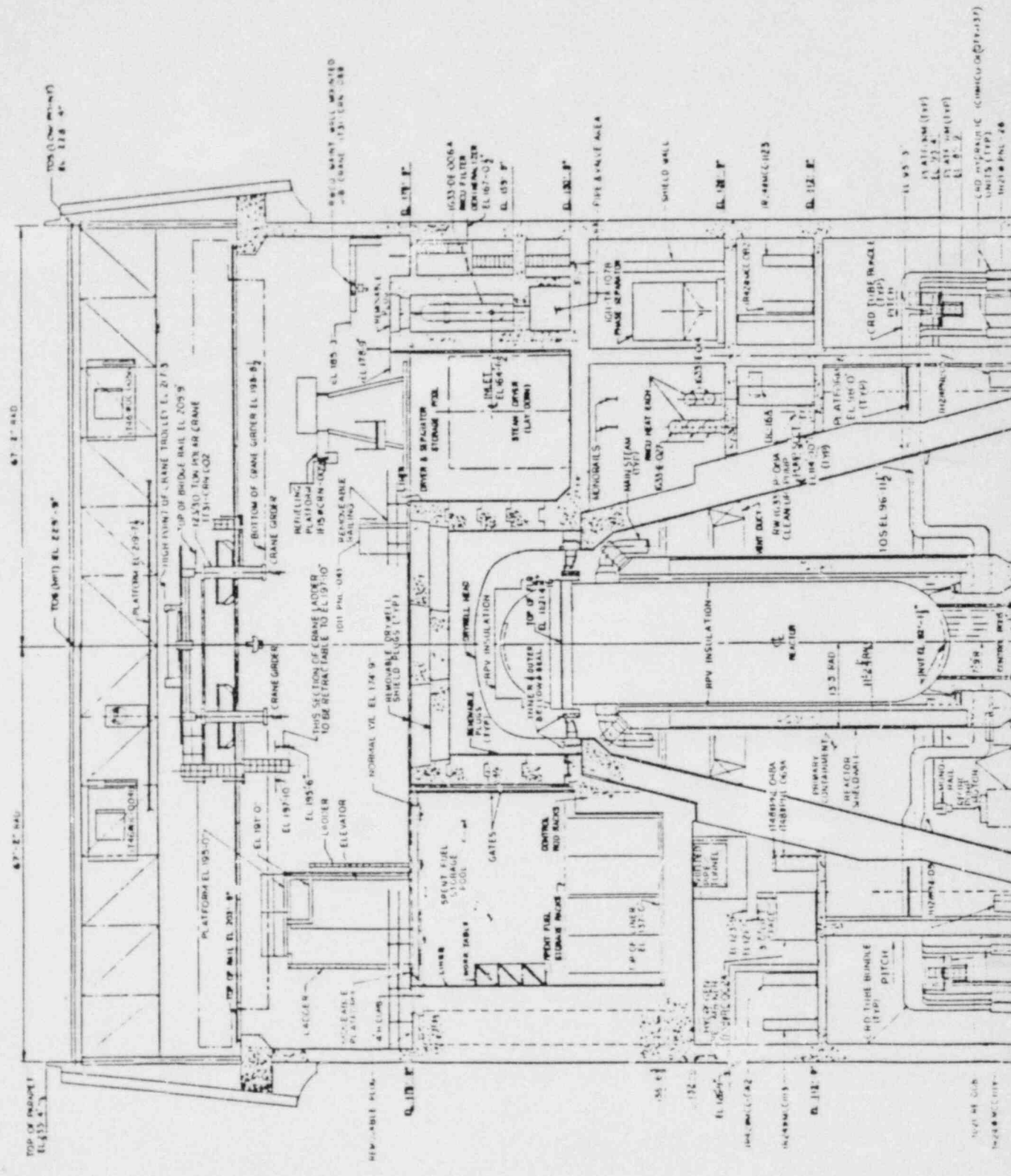
Ms. Nora Bredes
Shoreham Opponents Coalition
195 East Main Street
Smithtown, New York 11787

Chris Nolin
New York State Assembly
Energy Committee
626 Legislative Office Building
Albany, New York 12248

Ezra I. Bialik, Esq.
Assistant Attorney General
Environmental Protection Bureau
New York State Department of Law
2 World Trade Center
New York, New York 10047



Mark II Primary and Secondary Containments



TOP OF BRIDGE RAIL EL. 209.9'

67' 1" RAD

TOP (INT) EL. 228.9'

67' 1" RAD

TOP OF REAR EL. 117.0'

REAR WAREHOUSE WALL MOUNTED
-B. CRANE (153) (508-588)

653 OF CO2A
MED FILTER
CERTIFICATION
EL. 155.0'

EL. 130.0'

FIRE & HAZE AREA

SHIELD WALL

EL. 130.0'

R. 4441C-103

EL. 112.0'

EL. 105.0'

PLATEWORK (107)
EL. 214.0'

PLATEWORK (107)
EL. 214.0'

PLATEWORK (107)
EL. 214.0'

TOP OF REAR EL. 117.0'

TOP OF REAR EL. 117.0'

TOP OF REAR EL. 117.0'

TOP OF REAR EL. 117.0'

TOP OF REAR EL. 117.0'

TOP OF REAR EL. 117.0'

TOP OF REAR EL. 117.0'

TOP OF REAR EL. 117.0'

Mr. Gregory J. Blass
Suffolk County Legislator, First District
P. O. Box 911
11 West Second Street
Riverhead, New York 11901

Dear Mr. Blass:

This letter is in response to your letter of August 23, 1984 addressed to Commissioner Palladino. After reading your letter it is not entirely clear to me what you are referring to in saying "The dome at the top of the plant project". Having reviewed the FSAR for the Shoreham Nuclear Power Station, the plant structure that I believe you are referencing is the drywell head. The drywell head is a dome-like structure which comprises the upper boundary of the primary containment. The drywell head was installed at Shoreham and the leak rate testing of the primary containment was successfully completed in December 1982. The drywell head was then removed and is still detached at this time. It is necessary to remove the drywell head for fueling and refueling purposes. It is not intended to be a permanently installed structure. One hundred and twenty eight 2 inch bolts attach the drywell head to the mating flange which is anchored in the concrete of the primary containment. The drywell head is made of carbon steel and is not encased in concrete nor intended to be, as the concrete shielding blocks surrounding the drywell head (see Enclosure 1) provide the necessary shielding.

Thank you for your interest and I hope that this response adequately addresses your concerns.

Sincerely,

Harold Denton, Director
Office of Nuclear Reactor Regulation

Enclosures:

1. Drawing of Mark II Primary & Secondary Containment
2. Figure 3.8.1.6 of the Shoreham FSAR

cc: See next page

LB#2/DL/LA
EHytton
9/2/84

LB#2/DL/PM
MCampagnone/lb
9/2/84

AS
LB#2/DL/BC
ASchwencer
9/2/84

OELD
Bordenick
9/2/84

AD/L/DL
Tncvak
9/ /84

D/DL
DEisenhut
9/ /84

DD/DL/NRR
ECase
9/ /84

D/DL/NRR
HDenton
9/ /84

DISTRIBUTION: *w/incoming (GREEN TICKET #14778)

Docket File (50-322)

NRC/PDR*

Local PDR*

EDO Control No. 14778

EDO Reading File

WDircks

ECase/HDenton

MCampagnone

EHylton

LB#2 Reading File/ASchwencer

MJambor/DGEisenhut

Bordenick, OELD

PO'Brien/TMNovak

SECY - 84-0891

KBowman, P-428, (#14778)

TMurley, PPAS

GCunningham, ELD

*w/incoming

COUNTY OF SUFFOLK



COUNTY LEGISLATURE

GREGORY J. BLASS
LEGISLATOR, FIRST DISTRICT

CHAIRMAN:
HUMAN SERVICES COMMITTEE

MEMBER:
PUBLIC WORKS COMMITTEE
SENIOR CITIZENS COMMITTEE
EDUCATION & YOUTH COMMITTEE
PARKS, RECREATION & CULTURAL AFFAIRS COMMITTEE
COUNTY INDUSTRIAL DEVELOPMENT AGENCY
BOARD OF DIRECTORS - COOPERATIVE EXTENSION
BOARD OF DIRECTORS - SOIL & WATER CONSERVATION DISTRICT
SUFFOLK COUNTY FISHERIES DEVELOPMENT COUNCIL

P.O. BOX 911
11 WEST SECOND STREET
RIVERHEAD, NEW YORK 11901
(516) 727-7200

August 23, 1984

Mr. Nunzio Palladino, Chairman
Atomic Safety and Licensing Board
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Shoreham Nuclear Plant

Dear Sir:

Certain information has come to our attention relating to the Shoreham Nuclear Plant's construction which we want to convey to you in the form of an inquiry. This is of significant concern to us in as much as the nuclear plant project at Shoreham is located in the district which I represent on the Suffolk County Legislature.

We are given to understand that relatively limited installation has been done to set in place the dome at the top of the plant project. This is stated in relative terms to us because the dome is not installed with nearly as much enforced support as compared with the enforced, three to four foot thick concrete walls around the plant. If this be the case, inquiry is made to you as to whether this is a safety feature that is, or should be, of concern to the public.

Your prompt attention and reply to the foregoing would be greatly appreciated.

Very truly yours,

Gregory J. Blass
Legislator

GJB/mjh

cc: William Siebrecht
P.O. Box 569
Wading River, NY 11792

~~8409070271~~