



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

March 18, 1992

The Honorable Christopher Shays
United States House of Representatives
Washington, D.C. 20515-0704

Dear Congressman Shays:

I am responding to your letter of February 24, 1992, requesting a review of a proposal by one of your constituents, Mr. Timpson, to give the Shoreham Nuclear Power Station to the Commonwealth of Independent States.

The owner of the Shoreham Nuclear Power Station, Long Island Power Authority (LIPA), is currently decommissioning the facility. Decommissioning a nuclear plant results in radiation and nuclear contamination being reduced to levels that allow for the unrestricted use of the site and remaining structures. LIPA is not required to dismantle all structures and return the site to a preconstruction state. The decommissioning plan for the Shoreham Nuclear Power Station submitted by LIPA does not include complete dismantlement.

Technical considerations preclude the possibility of dismantling the entire facility and reassembling it in one of the independent countries of the former Soviet Union. Nuclear power stations in this country are site-specific installations that are designed to take into account local seismology, geology, hydrology, meteorology, local environmental considerations, and the risk of hazards such as nearby airports, rail lines, and industrial uses. The chances of finding a site in one of the members of the Commonwealth with the same environmental conditions, for which the Shoreham Nuclear Power Station was designed, would be highly unlikely.

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Most of the structural components of the Shoreham station are constructed of reinforced concrete. The nuclear steam supply system, which provides steam to the turbine to generate the electricity, is enclosed in several reinforced concrete structures that could not be dismantled and reassembled. These structures are too massive to be moved, and dismantling destroys their structural integrity. This limitation alone precludes the possibility of moving the facility. Even if some major components, which could be transported from New York to the Commonwealth of Independent States, were utilized in the Commonwealth, the cost of dismantling, re-siting, and building a facility with Shoreham components would be very high.

I hope this information is useful to your office and Mr. Timpson.

Sincerely,

Original Signed By
James M. Taylor

James M. Taylor
Executive Director
for Operations

DISTRIBUTION:

Docket file 50-322
NRC & Local PDRS (w/incoming)
EDO #007525
EDO r/f
JSniezek
JBlaha
HThompson
TMurley: PM: raglia
JPartlow
Wkissell

FGillespie
Mail Room 12-G-18
TMartin, RI
JScinto, OGC
PDNP r/f (w/incoming)
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WTravers
SWeiss
RDudley

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OPA
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SECY #CRC-92-0181
JTaylor
ETana-GT7525
BToms-GT7525
SBrown
MMasnik
EHylton
PMagnanelli-GT7525

[GT7525]

*See previous concurrence

PDNP:LA*	PDNP:PM*	PDNP:PM*	PDNP:SC	TECH ED.*	PDNP:D*
EHylton	MMasnik:djm	SBrown	RDudley	JMain	SWeiss
3/9/92	3/9/92	3/9/92	3/12/92	3/5/92	3/9/92

DD:DRPW*	(A)ADAR*	ADP*	DCNRR	EDG	OCA
BBoger	DCrutchfield	JPartlow	TMurley	JTaylor	3/16/92
3/9/92	3/10/92	3/10/92	3/16/92	3/16/92	



UNITED STATES
NUCLEAR REGULATORY COMMISSION
EDO Principal Correspondence Control

Weiss
ACTION

FROM

DUE: 03/17/92

EDO CONTROL: 0007525
DOC DT: 02/24/92
FINAL REPLY:

Rep. Christopher

TO:

Chairman Carr

FOR SIGNATURE OF:

** GRN **

CRC NO: 92-0181

Executive Director

DESC:

ROUTING:

ENCLOSES LETTER FROM JAMES TIMPSON RE SUGGESTION
ABOUT THE SHOREHAM NUCLEAR PLANT

Taylor
Sniezek
Thompson
Blaha
TMMartin, RI
Scinto, OGC

DATE: 03/04/92

ASSIGNED TO:

CONTACT:

NRR

Murley

SPECIAL INSTRUCTIONS OR REMARKS:

MARK ENVELOPE ATTN: PATTY SCOTT

NRR REC'D: 03/04/92
NRR ACTION: DAR/CRUTCHFIELD

NRR ROUTING: MURLEY
MIRALGIA
PARTLOW
RUSSELL
GILLESPIE
MAIL ROOM 12 G 18

ACTION
DUE TO NRR DIRECTOR'S OFFICE
BY 3/12/92

OFFICE OF THE SECRETARY
CORRESPONDENCE CONTROL TICKET

PAPER NUMBER: CRC-92-0181 LOGGING DATE: Mar 3 92
ACTION OFFICE: EDO
AUTHOR: CHRISTOPHER SHAYS
AFFILIATION: U.S. HOUSE OF REPRESENTATIVES
ADDRESSEE: CHAIRMAN OF THE NRC
LETTER DATE: Feb 24 92 FILE CODE: ID&R-5 SHOREHAM
SUBJECT: SUGGEST OPERATION OF SHOREHAM BE GIVEN TO OFFICIALS
IN THE COMMONWEALTH OF INDEPENDENT STATES
ACTION: Appropriate
DISTRIBUTION: OCA TO ACK
SPECIAL HANDLING: NONE
CONSTITUENT: JAMES TIMPSON
NOTES:
DATE DUE: Mar 17 92
SIGNATURE: . DATE SIGNED:
AFFILIATION:

Rec'd Off. EDO

Date 3-4-92

Time 6:45 AM

EDO --- 007525

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