

50281



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

December 6, 1979

Docket Nos. 50-309  
50-333  
50-334  
50-280  
and 50-281

Mr. William J. L. Kennedy  
Senior Vice President  
Stone and Webster Engineering Corporation  
245 Summer Street  
Post Office Box 2325  
Boston, Massachusetts 02107

Dear Mr. Kennedy:

SUBJECT: REQUEST FOR WITHHOLDING FROM PUBLIC DISCLOSURE PROPRIETARY  
INFORMATION ON COMPUTER PROGRAMS

By the following applications and supporting affidavits, Stone and Webster Engineering Corporation (S&W) submitted computer type information as described below and requested that it be withheld from public disclosure pursuant to 10 CFR 2.790.

<u>Application Date</u>	<u>Affidavit Date</u>	<u>Computer Information Requested To Be Withheld</u>
March 22, 1979 (Confirmation of documents hand delivered on March 19, 1979)	March 23, 1979	S&W Computer Code SHOCK-2 annotated March 17, 1979, pages 7, 10, 11 and 12  S&W Computer Code SHOCK-3 annotated March 17, 1979, pages 5, 6, 7, 8 and 9
April 6, 1979	April 6, 1979 by Stone and Webster	Computer programs and information related to SHOCK 1, 2 and 3, PSTRESS and NUPIPE-SW, respectively owned by NSC and S&W
	April 9, 1979 by Nuclear Services Corporation (NSC), a division of Quadrex Corporation submitted by letter dated April 13, 1979	

8001080227

The material requested to be withheld provides the information requested in Enclosure 3, "Plan for Verification of Stress Codes," to our letters dated April 2, 1979 to the licensee's for Surry 1 and 2, Maine Yankee, Fitzpatrick and Beaver Valley plants.

Your reasons for requesting the withholding of this information were that:

1. The SHOCK-2 and SHOCK-3 computer codes were developed at considerable expense to S&W and that if a competitor obtained the subject codes, it would improve the competitive position in the area of pipe stress analysis. Moreover, it is customary for S&W and its competitors to treat their computer programs for pipe stress analysis as confidential. Therefore, the subject computer codes are not available from any public source.
2. Information consisting of source program listings of computer programs SHOCK 1-3, PSTRESS and NUPIPE-SW are also not available in the public domain. The computer programs for SHOCK 1-3 and PSTRESS are owned by S&W. However, the NUPIPE program was obtained by S&W from the Nuclear Services Corporation under a leasing agreement. S&W has since made certain improvements and added certain capabilities to NUPIPE, which are proprietary and owned by S&W. For this reason, you state that this program is sometimes referred to as NUPIPE-SW. You further state that this information is not disclosed to the public because it involves a process which requires the performance of substantial amounts of numerical calculations or requires the investigation of several design alternatives which, if completed manually, would be prohibitively time consuming or impossible to complete. However, when accomplished by using a computer program, the process would be completed in reasonable time and at reasonable expense.

The information also consists of supporting data for the analysis, including test data, relative to a process (or component, structure, method, etc.), the appreciation of which data secures a competitive economic advantage, e.g., by optimization or improved marketability. Over the years, this has included the development of heat transfer, nuclear analysis and transient analysis codes, including an experimental data base to support them. The use of such a computer program not in the public domain constitutes a competitive advantage for S&W over other engineering and construction organizations.

December 6, 1979

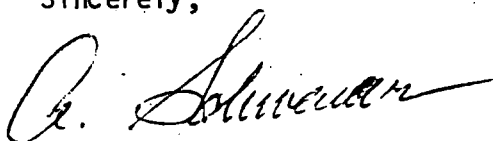
We have reviewed your applications and material based on the requirements and criteria of 10 CFR 2.790 and have determined that the information described above sought to be withheld from public disclosure contains proprietary commercial information.

We have also found at this time that the right of the public to be fully apprised as to the bases for and effects of the proposed action does not outweigh the demonstrated concern for protection of Stone and Webster Engineering Corporation and Nuclear Services Corporation's competitive positions. Accordingly, we have determined that the information should be withheld from public disclosure.

We, therefore, approve your request for withholding pursuant to Section 2.790 of 10 CFR Part 2 and are withholding the documents submitted by your applications dated March 22 and April 6, 1979 from public inspection as proprietary. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned to inspect the documents.

If the basis for withholding this information from public inspection should change in the future such that the information could then be made available for public inspection, you should promptly notify the NRC.

Sincerely,



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

cc: See next pages

Mr. William J. L. Kennedy.

- 4 -

December 6, 1979

cc: Mr. George T. Berry  
General Manager and Chief Engineer  
Power Authority of the State  
of New York  
10 Columbus Circle  
New York, New York 10019

Mr. Robert H. Groce  
Licensing Engineer  
Maine Yankee Atomic Power Company  
20 Turnpike Road  
Westboro, Massachusetts 01581

Director, Technical Development  
Programs  
State of New York Energy Office  
Agency Building 2  
Empire State Plaza  
Albany, New York 12223

Oswego County Office Building  
46 E. Bridge Street  
Oswego, New York 13126

Mr. John M. R. Paterson  
Assistant Attorney General  
State of Maine  
Augusta, Maine 04330

E. W. Thurlow, President  
Maine Yankee Atomic Power Company  
9 Green Street  
Augusta, Maine 04330

Mr. Donald E. Vandenburg  
Vice President - Engineering  
Yankee Atomic Electric Company  
20 Turnpike Road  
Westboro, Massachusetts 01581

John A. Ritsher, Esquire  
Ropes and Gray  
225 Franklin Street  
Boston, Massachusetts 02110

Mr. C. N. Dunn, Vice President  
Operations Division  
Duquesne Light Company  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Mr. W. L. Proffitt  
Senior Vice President - Power  
Virginia Electric and Power Company  
Post Office Box 26666  
Richmond, Virginia 23261

Mr. Robert R. Radcliffe  
Office of Energy Resources  
55 Capitol Street  
Augusta, Maine 04330

Mr. Nicholas Barth  
Executive Director  
Sheepscot Valley Conservation  
Association, Inc.  
P. O. Box 125  
Alna, Maine 04535

Wiscasset Public Library Association  
High Street  
Wiscasset, Maine 04578

Mrs. L. Patricia Doyle, President  
SAFE POWER FOR MAINE  
Post Office Box 774  
Camden, Maine 04843

George M. Wilverding, Licensing Supervisor  
Power Authority of the State of New York  
10 Columbus Circle  
New York, New York 10019

Mr. William J. L. Kennedy

- 5 -

December 6, 1979

cc: Gerald Charnoff, Esquire  
Jay E. Silberg, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N.W.  
Washington, D. C. 20036

Karin Carter, Esquire  
Special Assistant Attorney General  
Bureau of Administrative Enforcement  
5th Floor, Executive House  
Harrisburg, Pennsylvania 17120

Mr. Roger Tapan  
Stone and Webster Engineering  
Corporation  
P. O. Box 2325  
Boston, Massachusetts 02107

Mr. J. D. Woodward  
R & D Center  
Westinghouse Electric Corporation  
Building 7-303  
Pittsburgh, Pennsylvania 15230

B. F. Jones Memorial Library  
663 Franklin Avenue  
Aliquippa, Pennsylvania 15001

Mr. Jack Carey  
Technical Assistant  
Duquesne Light Company  
P. O. Box 4  
Shippingport, Pennsylvania 15077

Mr. R. E. Martin  
Duquesne Light Company  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Marvin Fein  
Utility Counsel  
City of Pittsburgh  
313 City-County Building  
Pittsburgh, Pennsylvania 15219

Mr. James A. Werling  
Plant Superintendent  
Beaver Valley Power Station  
P. O. Box 4  
Shippingport, Pennsylvania 15077

Mr. John A. Levin  
Public Utility Commission  
P. O. Box 3265  
Harrisburg, Pennsylvania 17120

Mr. Michael W. Maupin  
Hunton and Williams  
Post Office Box 1535  
Richmond, Virginia 23213

Swem Library  
College of William and Mary  
Williamsburg, Virginia 23185

Donald J. Burke  
U. S. Nuclear Regulatory Commission  
Region II  
Office of Inspection and Enforcement  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Mr. Vito J. Cassan  
Assistant General Counsel  
Power Authority of the State  
of New York  
10 Columbus Circle  
New York, New York 10019

Mr. Peter W. Lyon  
Manager - Nuclear Operations  
Power Authority of the State  
of New York  
10 Columbus Circle  
New York, New York 10019

Mr. J. D. Leonard, Jr.  
Resident Manager  
James A. FitzPatrick Nuclear  
Power Plant  
P. O. Box 41  
Lycoming, New York 13093