New England Power

NEP 1 & 2 NUCLEAR PROJECT

New England Power Company
20 Turnpike Road
Westborough, Massachusetts 01581
Tel. (617) 366-9011

February 9, 1979

NRC-N-102

Mr. Harold R. Denton
Director of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, D. C. 20555

DOCKET NOS. STN 50-568 AND STN 50-569

GENERAL & FINANCIAL INFORMATION Revision 3

INCLUDING

APPLICATION FOR ORDER WITHHOLDING

CERTAIN INFORMATION FROM PUBLIC DISCLOSURE

Dear Sir:

Pursuant to the Atomic Energy Act of 1954, the Commission's Rules and Regulations issued thereunder, and the National Environmental Policy Act as implemented by 10 CFR Part 51, New England Power Company (NEP) hereby submits 15 copies of Revision 3 to the NEP General and Financial Information.

The financial information contained in Revision 3 is being furnished in response to your letter of October 16, 1978. In addition, this revision includes General and Financial Information for Maine Public Service Company (MPS), which became a 0.435% Joint Owner of NEP 1&2 on December 1, 1978. Because of its bulk, we have forwarded separately 2 copies of the rate information for MPS requested in RAI 410.3(7)-3, (7)-4 and (7)-5.

The General and Financial Information is now contained in four volumes; Volume 4 is forwarded herewith. Instructions for assembly of the four volumes are contained in Volume 4.

As you are aware, we recently deferred the scheduled commercial operating dates of NEP 1 & 2 one year, to November 1987 and November 1989, respectively. Information used as a basis for this revision is consistent with that provided in Revision 2, which this material supplements, and is based on commercial operating dates of November 1986 for Unit 1 and November 1988 for Unit 2.

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New England Power Company, the Applicant herein, respectfully applies for an order under the Nuclear Regulatory Commission (NRC) regulations, 10 CFR 2.790, to withhold from public disclosure the information marked as proprietary in documents attached hereto on the grounds that such information consists of financial information which is privileged and confidential.

This application is made, and the accompanying affidavit and confidential information are submitted, by the Applicant with the understanding that under Section 2.790(b) (5) and (6), the subject information will not be disclosed to the public pending the decision of the NRC in this application and that if a decision is made adverse to the Applicant, it will be given an opportunity under Section 2.790(c) to withdraw the information before it is made public.

The Applicant, consistent with Section 2.790(b) (6) of the Regulations, consents to the examination of the subject information by the NRC Staff for the purposes for which it has been requested by the Staff, pending the decision on this application.

The Applicant also understands that under Section 2.790(b) (5) of the Regulations, if the NRC should determine that the information is irrelevant or unnecessary to the performance of its functions, the information will be returned to the Applicant regardless of any determination whether it may be withheld from the public.

Respectfully submitted,

NEW ENGLAND POWER COMPANY

By _____
John R. Stevens
Executive Vice President

STATE OF RHODE ISLAND:

COUNTY OF PROVIDENCE:

Personally appeared before me on this 9th day of February 1977 John R. Stevens, who, being duly sworn, did state that he is Executive Vice President New England Power Company, and applicant herein, that he is duly authorized to execute and file the foregoing revision in the name and on behalf of New England Power Company, and that the statements in said application are true to the best of his knowledge and belief.

_____
Notary Public
My Commission Expires: June 30, 1977

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	Docket Nos. STN 50-568
New England Power Company, et al.	)	STN-50-569
	)	
(NEP 1 and NEP 2)	)	

AFFIDAVIT PURSUANT TO
10 C.F.R. 2.790

I, James E. Tribble, depose and say that I am the Vice President - Finance of New England Power Company, and am duly authorized to make this affidavit, and have reviewed or cause to be reviewed the below listed information which is identified as proprietary.

The information for which proprietary treatment is sought is contained in the following document: Pro Forma Sources of Funds For System-Wide Construction Expenditures and Capital Structure During Periods of Construction of Subject Nuclear Plant.

This information has been appropriately designated as proprietary.

I have personal knowledge of the criteria and procedures used by New England Power Company in designating the information as confidential.

Pursuant to the provisions of paragraph (b)(4) of Section 2.790 of the Commisssion's Regulations, the following is furnished for consideration by the Commission in determining whether the information sought to be withheld from public disclosure should be withheld.

1. The estimates of future net income, preferred dividends, and common

dividends supplied to the Commission have been prepared by the Company for internal use only and were designed to be managerial tools, not public announcements. The management of the Company has not approved or acknowledged the information contained therein for external use. These estimates, and the accounts, memoranda, records, and opinions of counsel from which they were developed have been, and will be, treated as confidential by the Company. Except as required as evidence in regulatory proceedings, our forecasts are not available to the public.

2. The estimates, if made public by your Commission, would in due time become known to security analysts and, thereafter, investors in general. The natural inference drawn by recipients of the information is that the Company believes it can and will achieve the levels of financial performance set forth therein. Security analysts will use the information in validating their own projections and making buy/sell recommendations to their clients. Even though the estimates may originally be known by recipients to bear qualifiers and explanations, as the information is passed from hand to hand and certainly by the time it is included in the recommendations of analysts, such qualifiers and explanations will have long since been forgotten or deleted. As analysts recommendations gain circulation there will be an expectation that, to the extent they may be incorrect or to the extent there is any change in the Company's estimates, the Company will publish revisions and that, so long as corrections or revisions are not published, the estimates and the resulting projections may be relied

upon. For this reason, completely apart from any potential liability of the Company, we have made it a practice, and submit it would be unwise for your Commission to force us to breach that practice, to not publish information of this nature, particularly projected so far into the future.

3. Under the securities laws, the Company may face legal liability from the publication of these estimates. We are aware of Securities and Exchange Commission Release No. 33-5992 wherein there was a discussion of the use of projections and encouragement of their publication. We note, however, that speaking directly to the point of publishing information provided to other Federal and State regulatory authorities, the SEC observed: "This information may often be publicly available and may consist of material the accuracy of which might be questionable, in view of the length of time covered, when considered from the viewpoint of investors .... While the submission of this type of information to Federal or State regulatory authorities pursuant to their requirements under circumstances in which it would be publicly available would not in and of itself violate the Federal securities laws or require issuers to make corresponding public projections in filings with the [SEC] or otherwise, issuers should consider their obligation to assure that material facts concerning its financial condition are promptly and fully disclosed and that the information submitted does not become misleading by virtue of subsequent events."

As noted above, the difficulty of accurately and completely reporting the assumptions and limitations on which the forecasts have been made

and particularly the obligation noted to insure that the information has not become out of date is extremely difficult, if not impossible, for the Company to meet. We respectfully suggest that the solution proposed by the SEC, the filing of a report on Form 8-K, would not for the reasons noted herein, insure that full and current information was used by investors and that investors would retain confidence in management.

4. In order to provide future energy to consumers from projects such as NEP 1 & 2, the Company must raise substantial capital through issues of preferred stock and bonds and through issues of common stock by its parent, New England Electric System. To indirectly provide some investors with estimates of future earnings at a time when they will be competing in the market with others for securities of the Company and not to make strenuous efforts to provide the information to all purchasers would be to give some individuals an unfair competitive position. On the other hand, if the Company does make and distribute forecasts in connection with its security issues, the problems noted in paragraph 2 above are further magnified.

Additionally, the publicizing of the numerous forecasts required by regulatory authorities, each with its varying assumptions, and therefore results, tailored to meet the requirements of each agency and the publicizing of each update of each estimate would confuse the investing public, undermining confidence in the capability of management, and adversely affect the market for the securities of the Company and its parent.

5. The Company is a regulated utility and revenues are directly related to actions of the Federal Energy Regulatory Commission. The Company now has four general wholesale rate cases pending before that Commission and any public forecast of the outcome of these cases would be inappropriate at this time. Additionally, the estimates obviously included assumptions on the levels of rate relief to be granted in the future. Unfortunately, realistic estimates of rate relief to be granted may often be less than those requested. The publicizing of these realistic estimates could be taken by regulators as an admission that the initial rate relief requests were overstated, which would certainly not be the case. On the other hand, were we to include numbers based upon receiving rate relief at the level the Company deems adequate and reasonable, the financial information provided to the Commission might well be overstated.

6. No public interest would be served by disclosure. The Company has provided the Commission with all information requested for meeting your statutory obligations to determine our financial qualifications. No information has been withheld from either the Commission, its staff, or any party requesting same, pursuant to protective agreement, if appropriate. Thus, there is nothing to be gained by public disclosure. On the other hand, the substantial harm which may be caused to the Company, its programs, and the investing public if the information is made publicly available have been amply demonstrated and far outweigh the right of the public to be completely apprised of the basis of Commission action.

7. The Company believes that similar considerations are applicable for each of the other applicants and that, therefore, proprietary treatment is appropriate for the estimates of future net income, preferred dividends, and common dividends, supplied to the Commission by each of the other applicants.

Further the deponent sayeth not.

James E. Tribble, Vice President - Finance

THE COMMONWEALTH OF MASSACHUSETTS)
)
COUNTY OF WORCESTER)

Before me this day personally appeared James E. Tribble, Vice President-Finance, New England Power Company, who being first duly sworn, deposes and says that he has executed the foregoing; that the statements made are true and correct to the best of his knowledge, information and belief.

Subscribed and sworn to before me this

5th day of February, 1979

Susan Mac Donald
NOTARY PUBLIC

My Commission expires: 7/11/80

ATTACHMENT FOR ITEM NO. 1

Applicant: NEW ENGLAND POWER CO. Nuclear Plant: NEP 1 & 2

PRO FORMA SOURCES OF FUNDS FOR CONSTRUCTION EXPENDITURES AND CAPITAL STRUCTURE
DURING PERIOD OF CONSTRUCTION OF SUBJECT NUCLEAR POWER PLANT
(MILLIONS OF DOLLARS)

	CONSTRUCTION YEARS OF SUBJECT NUCLEAR POWER PLANT										
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
EXTERNAL FINANCING											
Common Stock	$ 20	$ 15	$ 25	$ 40	$ 55	$ 145	$ 145	$ 155	$ 70	$ -	$ -
Preferred stock	-	20	15	20	25	40	45	40	35	30	20
Long-term debt	50	50	45	70	100	210	210	255	150	130	-
Notes payable	(7)	(3)	6	3	11	(4)	15	30	(18)	(10)	(6)
Contributions from parent-net	-	-	-	-	-	-	-	-	-	-	-
Other funds	-	-	-	-	-	-	-	-	-	-	-
Total External Funds	63	82	91	133	191	391	415	480	237	150	14
INTERNALLY GENERATED CASH											
Net Income	54	59	69	78	89	116	143	175	194	195	196
Less:											
preferred dividends	(8)	(9)	(11)	(11)	(12)	(14)	(16)	(19)	(21)	(22)	(23)
common dividends	(32)	(35)	(41)	(47)	(54)	(71)	(89)	(109)	(121)	(173)	(173)
Retained earnings	14	15	17	20	23	31	38	47	52	-	-
Deferred taxes	9	11	14	18	25	32	44	54	80	67	72
Investment tax credit-deferred	8	11	7	13	19	39	38	37	36	8	12
Depreciation and Amortization	28	29	34	31	32	39	41	53	77	139	12
Change in working capital	(7)	(6)	(5)	(6)	(5)	(4)	(3)	(3)	(7)	2	(10)
Less: AFDC	(16)	(23)	(33)	(42)	(60)	(82)	(126)	(156)	(162)	(87)	(39)
Total Internal Funds	36	37	31	34	34	55	32	32	76	129	128
TOTAL FUNDS	$ 99	$ 119	$ 122	$ 167	$ 225	$ 446	$ 447	$ 512	$ 313	$ 279	$ 142
CONSTRUCTION EXPENDITURES*											
Nuclear power plants	$ 57	$ 70	$ 82	$ 134	$ 189	$ 399	$ 407	$ 450	$ 278	$ 232	$ 105
Other	31	44	39	20	30	46	39	36	34	36	26
Total construction expenditures	$ 88	$ 114	$ 121	$ 154	$ 219	$ 445	$ 446	$ 486	$ 312	$ 268	$ 131
Subject nuclear plant	$ 3	$ 11	$ 23	$ 73	$ 137	$ 350	$ 358	$ 387	$ 211	$ 159	$ 49
OTHER CAPITAL REQUIREMENTS											
Redemption of Maturing Bonds	11	5	-	12	5	-	-	25	-	10	10
Acquisition of Preferred Stock for Sinking Funds	-	-	1	1	1	1	1	1	1	1	1
Miscellaneous Requirements	-	-	-	-	-	-	-	-	-	-	-
TOTAL CAPITAL REQUIREMENTS	$ 99	$ 119	$ 122	$ 167	$ 225	$ 446	$ 447	$ 512	$ 313	$ 279	$ 142
CAPITAL STRUCTURE ($ & %)											
Long-term debt	$474 51%	$ 519 51%	$ 564 50%	$ 622 49%	$ 717 49%	$ 927 49%	$1,137 49%	$1,367 49%	$1,517 49%	$1,637 50%	$1,627 50%
Preferred stock	111 12	131 13	145 13	164 13	189 13	237 12	271 12	310 11	344 11	373 12	392 12
Common equity	343 37	373 36	415 37	475 38	553 38	729 39	912 39	1,114 40	1,236 40	1,236 38	1,236 38
TOTAL	$928 100%	$1,023 100%	$1,124 100%	$1,261 100%	$1,458 100%	$1,883 100%	$2,320 100%	$2,791 100%	$3,097 100%	$3,246 100%	$3,255 100%

*Exclusive of AFDC (Allowance for Funds used During Construction)

POOR ORIGINAL

ATTACHMENT FOR ITEM NO. 1

NEW ENGLAND ELECTRIC SYSTEM (Parent Company Only) Nuclear Plant: NEP 1 & 2

Pro Forma Sources and Uses of Funds
During Period of Construction of Subject Nuclear Power Plant
(Millions of Dollars)

	CONSTRUCTION YEARS OF SUBJECT NUCLEAR POWER PLANT											
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
SOURCES OF FUNDS											
External Financing:											
Common Shares-DRIP & TRASOP (1)	$ 7	$ 8	$ 9	$ 10	$ 11	$ 16	$ 17	$ 18	$ 21	$ 16	$ 19
Common Shares-Public Sale	-	-	-	35	40	100	100	100	50	-	-
Notes Payable	-	-	8	(8)	2	27	39	31	2	(55)	(46)
Total External Funds	7	8	17	37	53	143	156	149	73	(39)	(27)
Internally Generated Funds:											
Income from NEP (2)	32	35	41	46	54	71	89	109	121	173	173
Other Income (2)	21	21	21	23	23	24	26	27	29	30	31
Net Income (2)	53	56	62	69	77	95	115	136	150	203	204
Less:											
Common Dividends	(42)	(47)	(54)	(62)	(70)	(87)	(106)	(126)	(139)	(144)	(145)
Retained Earnings (2)	11	9	8	7	7	8	9	10	11	59	59
Total Internal Funds	11	9	8	7	7	8	9	10	11	59	59
Total Sources of Funds	$ 18	$ 17	$ 25	$ 44	$ 60	$ 151	$ 165	$ 159	$ 84	$ 20	$ 32
USES OF FUNDS											
Investments in Subsidiaries:											
Investments in NEP	$ 20	$ 15	$ 25	$ 40	$ 55	$ 145	$ 145	$ 155	$ 70	$ -	$ -
Investments in Other Subsidiaries	(2)	-	(2)	2	3	4	18	2	12	6	32
Total	18	15	23	42	58	149	163	157	82	8	32
Other Capital Requirements:											
Acquisition of Notes for Sinking Funds	-	2	2	2	2	2	2	2	2	12	-
Total Uses of Funds	$ 18	$ 17	$ 25	$ 44	$ 60	$ 151	$ 165	$ 159	$ 84	$ 20	$ 32
CAPITAL STRUCTURE ($ & %)											
Long Term Debt	$ 28 5.0%	$ 26 4.3%	$ 24 3.8%	$ 22 3.1%	$ 20 2.5%	$ 18 1.9%	$ 16 1.4%	$ 14 1.1%	$ 12 .8%	$ - -	$ - -
Common Equity	537 95.0	572 95.7	609 96.2	683 96.9	767 97.5	924 98.1	1091 98.6	1268 98.9	1406 99.2	1482 100.0%	1563 100.0%
Total	$565 100.0%	$598 100.0%	$633 100.0%	$705 100.0%	$787 100.0%	$942 100.0%	$1107 100.0%	$1282 100.0%	$1416 100.0%	$1482 100.0%	$1563 100.0%

(1) Dividend Reinvestment Plan and Tax Reduction Act Stock Option Plan
(2) After intercompany elimination

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POOR ORIGINAL

ATTACHMENT FOR ITEM NO. 1
APPLICANT BANGOR HYDRO NUCLEAR PLANT: NEP 1 & 2

PRO FORMA SOURCES OF FUNDS FOR SYSTEM-WIDE CONSTRUCTION EXPENDITURES AND CAPITAL STRUCTURE
DURING PERIOD OF CONSTRUCTION OF SUBJECT NUCLEAR POWER PLANT
(Millions of Dollars)

	Construction Years of Subject Nuclear Power Plant										
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
EXTERNAL FINANCING											
Common stock	$ 4.5	$	$	$	$ 2.7	$ 7.4	$ 7.9	$ 9.5	$ 6.0	$ 1.7	$
Preferred stock				.3	1.2	2.1	2.3	2.8	2.0	1.0	
Long-term debt	2.4	4.8	2.2	6.7	6.0	10.8	12.7	15.7	10.2	5.1	2.7
Notes payable	3.7		1.9		1.0	1.0	1.0	1.0	1.0	1.0	
Contributions from parent-net											
Other funds (describe)											
Total External Funds	10.6	4.8	4.1	7.0	10.9	21.3	23.9	29.0	19.2	8.8	2.7
INTERNALLY GENERATED CASH											
Net Income	3.1	2.6	4.2	4.3	4.6	5.6	7.0	8.6	10.0	11.0	11.0
Less:											
Preferred dividends	(.5)	(.5)	(.5)	(.5)	(.5)	(.7)	(.9)	(1.1)	(1.3)	(1.5)	(1.5)
Common dividends	(2.3)	(2.6)	(2.7)	(2.8)	(3.0)	(3.6)	(4.5)	(5.5)	(6.5)	(7.0)	(7.0)
Retained earnings	.3	(.5)	1.0	1.0	1.1	1.3	1.6	2.0	2.2	2.5	2.5
Deferred taxes	.5	.8	.7	.6	.6	.5	.6	.4	1.4	2.1	2.6
Invest. Tax credit deferred	1.2	.5	.7	.7	1.0	2.2	2.2	2.4	1.9	1.0	.7
Depreciation and amort.	2.2	2.7	3.0	3.1	3.3	3.5	3.7	3.9	5.9	7.3	9.7
Change in working capital	(2.9)	(.6)	(1.3)	(.5)	(2.0)	(1.4)	.1	(.2)	(.2)	(1.4)	5.0
Less: AFDC	(.9)	(.5)	(.7)	(1.1)	(1.5)	(2.8)	(4.6)	(6.7)	(6.1)	(4.8)	(2.7)
Total Internal Funds	.5	2.4	3.4	3.8	2.5	3.3	3.6	1.8	5.1	7.2	17.8
TOTAL FUNDS	$11.1	$ 7.2	$ 7.5	$10.8	$13.4	$24.6	$27.5	$30.8	$24.3	$16.0	$20.5
CONSTRUCTION EXPENDITURES:											
Nuclear power plants	$ 3.7	$ 1.9	$ 2.3	$ 5.0	$ 8.2	$20.8	$22.0	$25.1	$19.9	$11.6	$ 3.2
Other	7.4	4.7	3.2	3.6	4.2	3.8	4.0	4.2	4.4	4.4	10.2
Total const. exp's.	$11.1	$ 6.6	$ 5.5	$ 8.6	$12.4	$24.6	$26.0	$29.3	$24.3	$16.0	$13.4
Subject nuclear plant	$ 1.2	$ .6	$ 1.3	$ 4.0	$ 7.6	$19.3	$19.7	$21.3	$11.6	$ 8.8	$ 2.7
OTHER CAPITAL REQUIREMENTS											
Redemption of Maturing Bonds		.6	2.0	2.2	1.0		1.5	1.5			7.1
Acquisition of Bonds for Sinking Funds											
Miscellaneous Requirements											
TOTAL CAPITAL REQUIREMENTS	$11.1	$ 7.2	$ 7.5	$10.8	$13.4	$24.6	$27.5	$30.8	$24.3	$16.0	$20.5
CAPITAL STRUCTURE ($ & %)											
Long-Term Debt	$ 47%	$ 50%	$ 50%	$ 55%	$ 55%	$ 50%	$ 50%	$ 51%	$ 52%	$ 50%	$ 50%
Preferred stock	11	11	11	10	10	11	11	11	11	12	12
Common equity	42	39	39	35	35	39	39	38	37	38	38
TOTAL	100	100	100	100	100	100	100	100	100	100	100

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CANAL ELECTRIC COMPANY

NEP Units - Nuclear Regulatory Permit - Revision Applications

Sources of Funds For System-Wide Construction Expenditures
During Period of Construction of Subject Nuclear Power Plant
(Dollars in Millions)

	Construction Years of Subject Nuclear Power Plant										
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
External Financing											
Common Stock	$	$	$	$	$	$	$	$	$	$ 4	$
Preferred Stock											
Long-Term Debt										26	
Notes Payable-Net							8	22	4	(24)	(10)
Contributions From Parent-Net											
Other Funds											
Total External Funds							8	22	4	6	(10)
Internally Generated Cash											
Net Income	5.6	5.4	5.1	5.1	5.3	6.3	7.3	8.3	9.5	9.9	11.2
Less:											
Preferred Dividends											
Common Dividends	4.5	4.3	4.1	4.1	4.3	5.1	5.9	6.7	7.6	7.9	9.0
Retained Earnings	1.1	1.1	1.0	1.0	1.0	1.2	1.4	1.6	1.9	2.0	2.2
Deferred Taxes	1.2	1.1	.9	.6	.4	.2	.1	(.2)	1.8	1.7	3.7
Investment Tax Credit-Net	(.2)	(.2)	(.2)	(.2)	(.2)	(.2)	(.2)	(.2)	6.4	(.4)	6.7
Depreciation and Amortization	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	5.9	7.2	9.6
Working Capital	(5.2)	(4.5)	(3.5)	(.2)	4.2	17.2	11.5	1.3	1.1	(1.7)	(2.2)
Less:											
AFUDC	.1	.2	.2	.5	1.1	2.4	4.4	6.4	8.1	4.6	4.8
Total Internal Funds	1.3	1.8	2.6	5.3	8.9	20.6	13.0	.7	9.0	4.2	14.2
Total Funds	$ 1.3	$ 1.8	$ 2.6	$ 5.1	$ 8.9	$ 20.6	$ 21.0	$ 22.7	$ 13.0	$ 10.2	$ 4.2
Construction Expenditures (Excluding AFUDC)											
Subject Nuclear Plant	$ .2	$ .6	$ 1.3	$ 4.0	$ 7.6	$ 19.3	$ 19.7	$ 21.3	$ 11.6	$ 8.8	$ 2.7
Other Nuclear Power Plants											
Other Construction	.3	.4	.5	.5	.5	.5	.5	.6	.6	.6	.7
Total Construction	.5	1.0	1.8	4.5	8.1	19.8	20.2	21.9	12.2	9.4	3.4
Other Capital Requirements											
Redemption of Maturing Bonds											
Acquisition of Bonds for Sinking Funds	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
Miscellaneous Requirements											
Total Capital Requirements	$ 1.3	$ 1.8	$ 2.6	$ 5.3	$ 8.9	$ 20.6	$ 21.0	$ 22.7	$ 13.0	$ 10.2	$ 4.2

Capital Structure																				
Long-Term Debt	$ 50.9	49%	$ 50.1	48%	$ 49.3	47%	$ 48.5	46%	$ 47.7	45%	$ 46.9	44%	$ 46.1	43%	$ 45.3	42%	$ 44.5	41%	$ 69.7	50%	$ 68.9	49%
Preferred Stock																				
Common Equity	53.7	51	54.8	52	55.8	53	56.8	54	57.8	55	59.0	56	60.4	57	62.0	58	63.9	59	69.9	50	72.1	51
Total	$104.6	100%	$104.9	100%	$105.1	100%	$105.3	100%	$105.5	100%	$105.9	100%	$106.5	100%	$107.3	100%	$108.4	100%	$139.6	100%	$141.0	100%

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POOR ORIGINAL

(1) FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

Applicant: (1) Nuclear Plant: NEP 1 & 2*

Pro Forma Sources of Funds for System-Wide Construction Expenditures and Capital Structure during Period of Construction of Subject Nuclear Power Plant

(millions of dollars: 000.0)

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Security Issues and Other Funds											
Common Stock	$ 1.60	$ -	$ 2.17	$ -	$ -	$ -	$ 2.18	$ -	$ 2.18	$ -	$ -
Preferred Stock	-	-	-	-	2.00	1.00	-	2.00	-	-	1.00
Long-term Debt	3.50	-	5.00	-	4.00	4.00	7.00	3.50	3.50	-	4.00
Notes Payable	(1.36)	1.47	(4.60)	1.93	(2.79)	(.19)	1.07	(.92)	(.39)	2.61	(2.60)
Contributions from parent-net	-	-	-	-	-	-	-	-	-	-	-
Other Funds	-	-	-	-	-	-	-	-	-	-	-
Total	$ 3.74	$ 1.47	$ 2.57	$ 1.93	$ 3.21	$ 4.81	$10.25	$ 5.58	$ 5.29	$ 2.61	$ 2.40
Internal Funds											
Retained Earnings:											
Net Income	$ 1.67	$ 1.90	$ 2.06	$ 2.52	$ 3.23	$ 2.76	$ 3.60	$ 2.97	$ 3.30	$ 3.93	$ 5.40
Less: preferred dividends	.29	.28	.27	.27	.29	.47	.51	.59	.68	.67	.67
common dividends	.66	.80	1.03	1.31	1.46	1.73	1.83	1.93	1.97	2.12	2.12
Retained Earnings	.72	.72	.76	.94	1.48	.56	1.26	.45	.65	1.13	1.61
Deferred Taxes	.54	.51	.51	.45	.49	.49	.55	.50	.60	.63	.63
Investment Tax Credit	.35	.49	.43	.46	.56	.74	.74	.78	.61	.53	.70
Depreciation and Amortization	1.45	1.50	1.56	1.59	1.77	1.91	2.12	2.40	2.92	3.39	3.80
Working Capital Requirements and Others	.47	(.61)	1.05	.21	1.04	2.72	.09	2.55	(.90)	.06	(1.59)
AFDC	(.38)	(.86)	(1.16)	(1.47)	(1.87)	(2.23)	(3.89)	(2.26)	(2.09)	(1.90)	(1.85)
Total	3.15	1.75	3.19	2.18	3.47	4.19	1.78	4.52	1.79	3.53	3.30
TOTAL FUNDS	$ 6.89	$ 5.22	$ 5.76	$ 6.11	$ 6.68	$ 8.80	$12.03	$ 9.00	$ 7.08	$ 6.44	$ 5.70
Construction Expenditures**											
Nuclear Power Plants	$ 4.00	$ 2.72	$ 2.86	$ 3.63	$ 4.07	$ 6.46	$ 6.41	$ 5.17	$ 3.91	$ 3.66	$ 2.11
Other	2.73	2.18	2.58	1.96	2.09	1.82	2.13	2.35	2.69	2.30	3.11
Total	$ 6.73	$ 4.90	$ 5.44	$ 5.59	$ 6.16	$ 8.28	$ 8.54	$ 8.52	$ 6.60	$ 5.96	$ 5.22
Subject Nuclear Plant	$ 0.04	$ 0.16	$ 0.34	$ 1.05	$ 1.96	$ 5.02	$ 5.12	$ 5.54	$ 3.03	$ 2.28	$ 0.70
Other Capital Requirements											
Redemption of Maturing Notes	$ --	$ --	$ --	$ --	$ --	$ --	$ 3.01	$ --	$ --	$ --	$ --
Acquisition of Notes for Sinking Fund	.12	.20	.22	.40	.40	.40	.36	.36	.36	.36	.36
Acquisition of Preferred Stock for Sinking Fund	.04	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12
Total	$ 0.16	$ 0.32	$ 0.32	$ 0.52	$ 0.52	$ 0.52	$ 3.49	$ 0.48	$ 0.48	$ 0.48	$ 0.48
Total Capital Requirements	$ 6.89	$ 5.22	$ 5.76	$ 6.11	$ 6.68	$ 8.80	$12.03	$ 9.00	$ 7.08	$ 6.44	$ 5.70
Capital Structure											
Long-Term Debt	$20.56	$20.36	$25.16	$24.77	$28.37	$31.92	$35.60	$35.75	$41.89	$41.54	$45.18
Preferred Stock	4.19	4.07	3.95	3.84	5.72	6.66	6.49	8.37	8.25	8.14	9.02
Common Equity	12.94	13.66	16.58	17.52	19.00	19.56	23.00	23.44	26.27	27.60	29.01
Total	$37.69	$38.09	$45.69	$46.13	$53.09	$58.13	$65.09	$70.56	$76.41	$77.08	$83.21
Long-term Debt	54.6%	53.5%	55.1%	53.7%	53.4%	55.0%	54.7%	54.9%	54.8%	53.9%	54.3%
Preferred Stock	11.1	10.7	8.6	8.3	10.8	11.4	10.0	11.9	10.8	10.6	10.8
Common Equity	34.3	35.8	36.3	38.0	35.8	33.6	35.3	33.2	34.4	35.5	34.9
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

* Assumes the purchase by Fitchburg Gas and Electric Light Company of an addition 5 megawatts of capacity in each of the two Seabrook Units.

** Exclusive of AFDC (Allowance for Funds Used During Construction)

2308 557

POOR ORIGINAL

Applicant: Montana Electric Company Nuclear Plant: NEP 1 and NEP 2

Sources of Funds for Construction Expenditures During Period of Construction of Subject Nuclear Power Plant
(millions of dollars)

Security Issues and other funds	Construction Years of Subject Nuclear Power Plant					
	Actual		Estimated			
	1976	1977	1978	1979	1980	1981
Common stock	9.5	10.3	-	-	11.5	6.6
Preferred stock	-	-	-	-	-	-
Long-term debt	-	-	9.3	11.8	14.0	8.0
Notes payable	(6.6)	7.8	-	-	(9.9)	9.5
Other funds	.1	(4.9)	1.4	(.2)	-	-
Total	3.0	13.2	10.7	11.6	15.6	22.2
Internal Funds						
Net Income	5.9	5.9	5.3	8.2	9.6	10.3
Less: preferred dividends common dividends	5.7	7.4	7.0	6.9	6.9	8.3
Retained earnings	.2	(1.5)	(1.7)	1.3	2.7	2.0
Deferred taxes	1.0	.9	.9	.7	.6	.4
Investment tax credit	3.1	.2	1.7	2.1	1.0	1.8
Depreciation and amort.	4.5	4.8	4.8	4.7	4.9	4.9
Other	1.4	-	-	-	-	-
AFDC	(1.6)	(2.9)	(3.5)	(4.8)	(6.2)	(8.5)
Total	8.6	2.5	2.2	4.0	3.0	0.6
TOTAL FUNDS	11.6	15.7	12.9	15.6	18.6	22.8
Construction Expenditures*						
Nuclear power plants	7.4	14.3	9.1	12.0	17.4	21.6
Other	4.2	1.4	3.8	3.6	0.7	1.2
Total	11.6	15.7	12.9	15.6	18.1	22.8
Subject nuclear plant	0.9	0.2	0.2	0.6	1.3	4.3
Other Capital Requirements						
Redemption of Maturing Bonds	-	-	-	-	-	-
Acquisition of Bonds for Sinking Funds	-	-	-	-	-	-
Miscellaneous Requirements (Detail)	-	-	-	-	-	-
Total Capital Requirements	11.6	15.7	12.9	15.6	18.6	22.8

Capital Structure (% & $) See Schedule A Attached

*Exclusive of AFDC (Allowance for Funds used During Construction).

2308 058

POOR ORIGINAL

Applicant: Montana Electric Company Nuclear Plant: NPP 1 and NPP 2

Sources of Funds for Construction Expenditures During Period of Construction of Subject Nuclear Power Plant
(Millions of Dollars)

Security Issues and other funds	Construction Years of Subject Nuclear Power Plant Estimated						
	1982	1983	1984	1985	1986	1987	1988
Common stock	8.0	19.2	16.4	12.7	20.6	20.0	40.0
Preferred stock	-	-	-	-	-	-	-
Long-term debt	17.4	13.0	10.0	12.0	20.0	45.7	40.0
Notes payable	9.8	5.8	7.3	11.8	12.1	12.7	16.6
Other funds	-	-	-	-	-	-	-
Total	35.2	38.0	33.7	36.5	52.7	78.4	96.6
Internal Funds							
Net income	6.6	17.3	18.9	20.4	22.5	25.4	28.6
Less: preferred dividends common dividends	9.5	18.8	19.7	20.3	21.5	24.3	26.3
Retained earnings	(2.9)	(1.5)	(0.8)	0.1	1.0	1.1	2.3
Deferred taxes	.2	.7	.8	.7	.9	1.5	1.8
Investment tax credit	2.5	1.8	1.9	2.3	3.1	4.2	6.3
Depreciation and amort.	4.9	4.8	5.0	4.8	5.1	6.5	6.8
Other	-	-	-	-	-	-	-
AFDC	(7.3)	(6.8)	(4.8)	(5.0)	(6.2)	(8.9)	(17.2)
Total	(2.6)	(1.2)	2.1	2.9	3.6	4.4	6.0
TOTAL FUNDS	32.6	36.1	35.8	39.4	56.3	82.8	102.6
Construction Expenditures*							
Nuclear power plants	24.5	33.3	32.6	33.1	21.2	16.4	7.6
Other	2.8	3.5	3.2	6.3	35.1	60.7	95.6
Total	27.2	36.8	35.8	39.4	56.3	77.1	102.6
Subject nuclear plant	7.5	19.3	20.3	21.3	11.6	8.7	2.7
Other financial requirements							
Reduction in Sinking Fund Bonds	5.4	-	-	-	-	5.7	-
Acquisition of Bonds for Sinking Funds	-	-	-	-	-	-	-
Redemptions Requirements (Cash)	-	-	-	-	-	-	-
Total Capital Requirements	32.6	36.8	35.8	39.4	56.3	82.8	102.6

Capital Structure (% & %) See Schedule A Attached

*Exclusive of AFDC (Allowance for Funds used During Construction).

POOR ORIGINAL

MONTAUP ELECTRIC COMPANY
SCHEDULE A

	Actual				Estimated							
	1976		1977		1978		1979		1980		1981	
	$	%	$	%	$	%	$	%	$	%	$	%
Capital Structure												
Long-term debt	65,600	54.1	65,600	50.4	74,900	54.4	86,700	56.9	100,700	55.0	106,700	53.4
Preferred stock	1,500	1.2	1,500	1.2	1,500	1.1	1,500	1.0	1,500	.8	1,500	.7
Common equity	54,239	44.7	63,035	48.4	61,335	44.5	64,235	42.1	81,035	44.2	91,835	46.9
	121,339	100.0	130,135	100.0	137,735	100.0	152,435	100.0	183,235	100.0	200,035	100.0

	Estimated													
	1982		1983		1984		1985		1986		1987		1988	
	$	%	$	%	$	%	$	%	$	%	$	%	$	%
Long-term debt	118,700	52.9	131,700	49.3	141,700	46.0	153,700	44.0	173,700	43.4	213,700	46.1	$243,700	45.5
Preferred stock	1,500	.7	1,500	.6	1,500	.5	1,500	.4	1,500	.4	1,500	.3	1,500	0.2
Common equity	104,135	46.4	133,835	50.1	164,935	53.5	194,235	55.6	225,135	56.2	248,535	53.6	290,835	54.3
	224,335	100.0	267,035	100.0	308,135	100.0	349,435	100.0	400,335	100.0	463,735	100.0	$536,035	100.0

2308 360

POOR ORIGINAL

ATTACHMENT FOR ITEM NO. 1

Applicant: NARRAGANSETT ELECTRIC CO. Nuclear Plant: NEP 1 & 2

PRO FORMA SOURCES OF FUNDS FOR CONSTRUCTION EXPENDITURES AND CAPITAL STRUCTURE
DURING PERIOD OF CONSTRUCTION OF SUBJECT NUCLEAR POWER PLANT
(MILLIONS OF DOLLARS)

	CONSTRUCTION YEARS OF SUBJECT NUCLEAR POWER PLANT										
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
EXTERNAL FINANCING											
Common Stock	$ -	$ -	$ -	$ -	$ -	$ -	$ 5.0	$ -	$ -	$ 5.0	$ -
Preferred stock	-	-	-	-	-	-	-	5.0	-	5.0	-
Long-term debt:	-	-	25.0	-	30.0	20.0	-	-	20.0	-	10.0
Notes payable	-	-	3.9	9.3	(3.2)	(4.3)	2.8	3.0	(.4)	(.4)	.8
Contributions from parent-net	-	-	-	-	-	-	-	-	-	-	-
Other funds	-	-	-	-	-	-	-	-	-	-	-
Total External Funds	-	-	28.9	9.3	26.8	15.7	7.8	8.0	19.6	9.6	10.8
INTERNALLY GENERATED CASH											
Net Income	9.1	9.2	9.3	9.4	9.5	9.6	10.3	10.7	11.0	11.9	12.3
Less:											
preferred dividends	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.8)	(2.0)	(2.2)	(2.5)
common dividends	(6.8)	(6.9)	(7.0)	(7.1)	(7.2)	(7.3)	(7.9)	(8.0)	(8.1)	(8.7)	(8.8)
Retained earnings	.8	.8	.8	.8	.8	.8	.9	.9	.9	1.0	1.0
Deferred taxes	1.6	1.7	1.8	2.0	2.2	2.5	2.7	2.8	3.0	3.3	3.5
Investment tax credit-deferred	1.2	1.2	1.6	1.9	1.5	1.6	1.8	1.6	1.9	1.8	1.8
Depreciation and amortization	10.0	10.5	11.0	11.6	12.3	12.9	13.5	12.5	13.2	14.1	13.4
Change in working capital	8.9	2.3	.6	(.6)	(.7)	(.7)	(.7)	(.8)	(.9)	(.8)	(1.0)
Less: AFDC	(.4)	(.4)	(.5)	(.2)	(.2)	(.3)	(.4)	(.5)	(.5)	(.4)	(.4)
Total Internal Funds	22.1	16.1	15.3	15.5	15.9	16.8	17.8	16.5	17.6	19.0	18.3
TOTAL FUNDS	$ 22.1	$ 16.1	$ 44.2	$ 24.8	$ 42.7	$ 32.5	$ 25.6	$ 24.5	$ 37.2	$ 28.6	$ 29.1
CONSTRUCTION EXPENDITURES*											
Nuclear power plants	$ -	$ -	$ .1	$ .2	$ .4	$ 1.2	$ 1.2	$ 1.3	$ .7	$ .5	$ .2
Other	15.1	16.1	19.9	24.6	20.4	21.5	24.4	23.2	26.8	28.1	28.9
Total construction expenditures	$ 15.1	$ 16.1	$ 20.0	$ 24.8	$ 20.8	$ 22.7	$ 25.6	$ 24.5	$ 27.5	$ 28.6	$ 29.1
Subject nuclear plant	$ -	$ -	$ .1	$ .2	$ .4	$ 1.2	$ 1.2	$ 1.3	$ .7	$ .5	$ .2
OTHER CAPITAL REQUIREMENTS:											
Redemption of Maturing Bonds	7.0	-	24.2	-	21.9	9.8	-	-	9.7	-	-
Acquisition of Bonds for Sinking Funds	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Requirements	-	-	-	-	-	-	-	-	-	-	-
TOTAL CAPITAL REQUIREMENTS	$ 22.1	$ 16.1	$ 44.2	$ 24.8	$ 42.7	$ 32.5	$ 25.6	$ 24.5	$ 37.2	$ 28.6	$ 29.1
CAPITAL STRUCTURE ($ & %)											
Long-term debt	$ 95 51%	$ 95 51%	$ 96 51%	$ 96 51%	$104 53%	$114 55%	$114 53%	$114 52%	$124 54%	$124 51%	$134 52%
Preferred stock	27 15	27 15	27 14	27 14	27 14	27 13	27 13	32 14	32 14	37 15	37 15
Common equity	63 34	64 34	65 35	66 35	66 33	67 32	73 34	74 34	75 32	81 34	82 32
TOTAL	$185 100%	$186 100%	$188 100%	$189 100%	$197 100%	$208 100%	$214 100%	$220 100%	$231 100%	$242 100%	$253 100%

*Exclusive of AFDC (Allowance for Funds used During Construction)

POOR ORIGINAL

2308 361