



Duquesne Light

Nuclear Group
P.O. Box 4
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March 21, 1985

Director of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Attn: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing
Washington, DC 20555

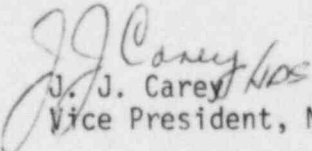
Reference: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
Additional Information For TAC 53208

Gentlemen:

Enclosed are forty (40) copies of additional information provided to support our Application for Amendment to our Operating License to eliminate Technical Specification, Appendix B. This information is provided in response to your letter dated January 22, 1985. Attachments A and B provide the soil sample data obtained from samples taken June 18, 1983 and April 20, 1984 respectively.

If you have further questions regarding this response, please contact my office.

Very truly yours,


J. J. Carey
Vice President, Nuclear

Enclosure

cc: Mr. W. M. Troskoski, Resident Inspector
U. S. Nuclear Regulatory Commission
Beaver Valley Power Station
Shippingport, PA 15077

U. S. Nuclear Regulatory Commission
c/o Document Management Branch
Washington, DC 20555

Director, Safety Evaluation & Control
Virginia Electric & Power Company
P.O. Box 26666
One James River Plaza
Richmond, VA 23261

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June 18, 1983

ATTACHMENT A

<u>SITE NO.</u>	1-1
<u>pH</u>	<u>Cond.</u>
6.90	.17
7.15	.16
6.84	.16
6.68	.15
6.69	.15
6.64	.14
6.62	.15
6.68	.13
6.78	.13
6.69	.18
6.73	.14
6.74	.15
6.76	.14
6.75	.14
6.75	.15

<u>SITE NO.</u>	1-2
<u>pH</u>	<u>Cond.</u>
6.73	.17
6.62	.17
6.55	.14
6.53	.17
6.40	.14
6.40	.14
6.42	.13
6.38	.11
6.37	.12
6.38	.12
6.31	.13
6.22	.18
6.23	.13
6.33	.11
6.73	.14

<u>SITE NO.</u>	2-1
<u>pH</u>	<u>Cond.</u>
4.85	.14
4.60	.098
4.62	.096
4.60	.10
4.58	.099
4.52	.13
4.28	.14
4.52	.12
4.55	.12
4.55	.12
4.58	.13
4.59	.11
4.61	.14
4.58	.13
4.60	.12

<u>SITE NO.</u>	2-2
<u>pH</u>	<u>Cond.</u>
4.46	.076
4.42	.089
4.43	.10
4.32	.11
4.30	.12
4.18	.12
4.10	.12
4.01	.11
4.05	.12
3.87	.12
4.02	.11
4.02	.12
4.15	.10
4.30	.12
4.33	.12

<u>SITE NO.</u> 3-1	
<u>pH</u>	<u>Cond.</u>
4.80	.14
4.63	.15
4.56	.14
4.57	.12
4.57	.11
4.56	.11
4.56	.12
4.56	.14
4.57	.11
4.82	.098
4.81	.097
4.82	.091
4.82	.14
4.81	.12
4.82	.11

<u>SITE NO.</u> 3-2	
<u>pH</u>	<u>Cond.</u>
3.94	.17
4.13	.15
4.11	.15
4.11	.14
4.12	.13
4.13	.10
4.18	.11
4.31	.13
4.16	.17
4.11	.16
4.12	.13
4.10	.14
4.11	.14
4.10	.13
3.85	.14

<u>SITE NO.</u> 4-1	
<u>pH</u>	<u>Cond.</u>
4.37	.099
4.38	.14
4.52	.13
4.37	.12
4.40	.11
4.39	.11
4.42	.12
4.37	.10
3.99	.11
4.40	.10
4.41	.098
4.39	.096
4.44	.098
4.30	.10
4.28	.11

<u>SITE NO.</u> 4-2	
<u>pH</u>	<u>Cond.</u>
4.61	.17
4.50	.15
4.45	.18
4.38	.14
4.32	.12
4.21	.11
4.17	.12
4.00	.13
3.91	.14
4.22	.12
4.28	.108
4.26	.13
4.32	.15
4.35	.16
4.60	.17

<u>SITE NO.</u> 5-1		<u>SITE NO.</u> 5-2	
<u>pH</u>	<u>Cond.</u>	<u>pH</u>	<u>Cond.</u>
4.34	.16	4.38	.15
4.11	.18	4.30	.15
4.40	.16	4.28	.14
4.44	.13	4.26	.15
4.56	.12	4.29	.14
4.59	.10	4.24	.13
4.87	.11	4.12	.14
4.65	.099	4.20	.15
4.64	.12	4.23	.14
4.62	.13	4.25	.13
4.68	.12	4.24	.12
4.52	.10	4.23	.13
4.57	.13	4.26	.14
4.61	.14	4.27	.15
4.63	.15	4.28	.14

April 20, 1984

ATTACHMENT B

<u>SITE NO.</u> 1-1		<u>SITE NO.</u> 1-2
Not Available (covered with fill dirt)	<u>pH</u>	<u>Cond.</u>
	6.34	.158
	6.38	.144
	6.68	.169
	6.73	.183
	6.40	.138
	6.36	.133
	6.20	.130
	6.10	.110
	5.97	.109
	6.00	.118
	5.97	.116
	5.98	.114
	5.98	.113
	5.97	.126
	6.31	.140

<u>SITE NO. 2-1</u>		<u>SITE NO. 2-2</u>	
<u>pH</u>	<u>Cond.</u>	<u>pH</u>	<u>Cond.</u>
4.88	.110	4.60	.083
4.80	.112	4.62	.088
4.78	.128	4.70	.091
4.67	.133	4.75	.093
4.58	.148	4.82	.082
4.58	.144	4.91	.070
4.62	.126	4.65	.069
4.74	.108	4.59	.078
4.81	.101	4.51	.099
5.05	.095	4.43	.102
5.10	.086	4.37	.127
5.21	.073	4.36	.151
5.16	.079	4.37	.138
5.14	.082	4.37	.119
5.03	.084	4.42	.110

<u>SITE NO.</u>	3-1
<u>pH</u>	<u>Cond.</u>
4.38	.096
4.56	.088
4.82	.095
4.76	.102
4.64	.106
4.43	.112
4.36	.117
4.15	.129
4.12	.138
4.01	.218
4.08	.142
4.11	.120
4.09	.125
4.17	.123
4.24	.110

<u>SITE NO.</u>	3-2
<u>pH</u>	<u>Cond.</u>
4.69	.123
4.62	.125
4.56	.129
4.49	.148
4.21	.159
4.09	.228
4.27	.142
4.45	.136
4.44	.129
4.52	.118
4.51	.109
4.68	.117
4.77	.106
4.87	.113
4.71	.118

<u>SITE NO.</u>	4-1
<u>pH</u>	<u>Cond.</u>
4.42	.111
4.45	.108
4.58	.106
4.72	.096
4.51	.081
4.30	.083
4.33	.088
4.37	.094
4.36	.102
4.31	.114
4.30	.120
4.23	.177
4.11	.155
4.30	.120
4.32	.114

<u>SITE NO.</u>	4-2
<u>pH</u>	<u>Cond.</u>
4.01	.110
3.98	.102
4.20	.108
4.28	.106
4.31	.121
4.31	.117
4.28	.121
4.38	.126
4.44	.125
4.31	.153
4.33	.183
4.49	.145
4.40	.126
4.41	.125
4.31	.120

<u>SITE NO.</u> 5-1		<u>SITE NO.</u> 5-2	
<u>pH</u>	<u>Cond.</u>	<u>pH</u>	<u>Cond.</u>
4.63	.115	4.35	.140
4.65	.124	4.33	.129
4.78	.131	4.30	.120
4.92	.165	4.31	.095
4.73	.138	4.33	.096
4.61	.122	4.39	.115
4.59	.118	4.39	.117
4.58	.117	4.44	.130
4.55	.115	4.45	.141
4.59	.114	4.43	.162
4.32	.107	4.48	.165
4.39	.109	4.69	.158
4.52	.111	4.42	.143
4.57	.115	4.43	.137
4.61	.121	4.42	.135