Duquesne Light
435 Sixth Avenue
Pittsburgh, Pa.
15219

(412) 456-6000

October 20, 1980

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Attn: Boyce H. Grier, Regional Director
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Reference: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334
Supplemental Information Concerning IE Bulletin 79-14

Gentlemen:

The purpose of this letter is to identify the present status of activities associated with IE Bulletin 79-14 for Beaver Valley Unit #1.

All physical inspections of the piping and the quality control records have been completed.

All piping systems have been reanalyzed and all modifications to supports on piping systems which are required to prevent or mitigate the consequences of an accident will be completed prior to startup.

Any modifications which are required to assure that code allowable stresses will not be exceeded during a seismic event on miscellaneous seismic Class I systems will be completed as operation of the plant permits. Included in this latter category are lines in the boron recovery system or normal letdown path external to the containment. The Onsite Safety Committee has reviewed each of these conditions and has determined that a loss of function on these lines will not impair the ability to place the plant in a safe cold shutdown condition.

We are continuing to evaluate the effects of each material substitution which have been identified and the effects on the nozzle loads on the equipment. Code Class 1 nozzles have been evaluated as acceptable by the Architect-Engineer and have been submitted to the vendor for concurrence. A listing of Code Class 2 and 3 nozzles to be evaluated is attached as Enclosure 1.

We believe that the original schedule provided to you in our August 14 letter may have been somewhat optimistic. A final report on the results of our efforts on Bulletin 79-14 will not be available for submittal prior to March, 1981.

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We, therefore, request an extension of the time for completion of this work referenced in your November 1, 1979 letter to permit startup of the plant prior to the completion of the evaluations of the previously discussed items, namely, materials review and nozzle loadings. We intend to continue working on these items to achieve completion in accordance with our August 14, 1980 letter. Due to dependence upon the availability of qualified engineers and the timely submittal of information from vendors, we cannot commit at this time to full completion prior to March 31, 1981.

We would like to clarify that our intent is to utilize the interim criteria under which the station was returned to power in August, 1979 to define operability of systems and equipment required by technical specifications. We have not requested to be relieved of the requirement to bring the plant to a cold shutdown condition in the event of occurrence of a seismic event that is equal to or greater than .01g. We shall provide you with written notification of each application of this criteria including the originally calculated value and code or vendors allowable value for the component or support to which this interim criteria is being applied.

It should be understood that further evaluation will be performed to determine whether more refined calculations should be performed. Prior to requesting approval from vendors for the final calculated loads on their equipment, we will have already performed a preliminary evaluation and have every reason to believe that the equipment vendor will grant approval. With the exception of equipment nozzles, we have not utilized the interim criteria as the basis for acceptability of any equipment or system.

If you have further question with regard to this matter, please contact my office.

Very truly yours,

C. N. Dunn
Vice President, Operations

cc: Donald A. Beckman
Service Resident Inspector
U.S. Nuclear Regulatory Commission
Beaver Valley Power Station
Shippingport, PA 15077

U.S. Nuclear Regulatory Commission
Document Management Branch
Washington, D.C. 20555

Enclosure 1

Small Bore Nozzle (2-1/2 to 6 In.) To Be Evaluated

Equipment Nomenclature	Mark No.	No. of Nozzles
Control Room River Water Cooling Coil	VS-E-14A	6
Control Room River Water Cooling Coil	VS-E-14B	6
Diesel Generator Heat Exchanger	EE-E-1A	5
Diesel Generator Heat Exchanger	EE-E-1B	1
Volume Control Tank	CH-TK-2	3
Seal Water Filter	CH-FL-3	2
Seal Water Heat Exchanger	CH-E-1	2
Neutron Shield Tank Cooler	NS-E-1	1
RV Supp. Neutron Shield Tank	RC-ES-1	2
Containment Air Recirc. Cooling Coils	VS-E-1A (1 thru 12)	24
Containment Air Recirc. Cooling Coils	VS-E-1B (1 thru 12)	24
Containment Air Recirc. Cooling Coils	VS-E-1C (1 thru 12)	24
Degasifier Recirculation Pump	BR-P-7A	1
Degasifier Recirculation Pump	BR-P-7B	1
Degasifier Heat Exchanger	BR-EV-2A	2
Degasifier Heat Exchanger	BR-EV-2B	2
Control Room A/C Condenser Unit	VS-E-4A	3
Control Room A/C Condenser Unit	VS-E-4B	3
Steam Generator	RC-E-1A	3
Steam Generator	RC-E-1B	2
Control Room A/C Unit	VS-AC-1B	6
CRDM Shroud Cooling Coils	VS-E-2A-1	4
CRDM Shroud Cooling Coils	VS-E-2B	2
CRDM Shroud Cooling Coils	VS-E-2C	2
CRDM Shroud Cooling Coils	VS-E-2B-1	1
CRDM Shroud Cooling Coils	VS-E-2B-2	1
CRDM Shroud Cooling Coils	VS-E-2C-1	1
CRDM Shroud Cooling Coils	VS-E-2C-2	1
Excess Letdown Heat Exchanger	CH-E-4	2
Reactor Coolant Pump Motor	RC-P-1B	3
Reactor Coolant Pump Motor	RC-P-1C	1
Stator Oil Cooler Outlet		2
Lube Oil Cooler		1
Boron Injection Tank	SI-TK-2	1
Reactor Coolant 1A Pump Seal Pot	RC-TK-3A	2
Reactor Coolant 1B Pump Seal Pot	RC-TK-3B	2
Reactor Coolant 1C Pump Seal Pot	RC-TK-3C	2
Emergency Diesel Generator	EE-EG-2	2
Lube Oil Cooler		2
Lube Oil Cooler		2
Lube Oil Strainer		2
Lube Oil Cooler		4
Stator Cooler		6
Primary Plant Demineralized Water Storage Isolation	VV1-15A-Q	3

Enclosure 1 (cont.)
Small Bore Nozzle (2-1/2 to 6 In.) To be Evaluated
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Equipment Nomenclature	Mark No.	No. of Nozzles
High Head Safety Injection Pump	CH-P-1A	1
High Head Safety Injection Pump	CH-P-1B	1
High Head Safety Injection Pump	CH-P-1C	1
Cesium Ion Removal Heat Exchanger	BR-I-1A	2
Cesium Ion Removal Heat Exchanger	BR-I-1B	2
Coolant Recovery Filter	BR-FL-1A	1
Coolant Recovery Filter	BR-FL-1B	1
Condenser Air Ejector	CN-EJ-1A	1
Condenser Air Ejector	CN-EJ-1B	1
Refueling Water Storage Tank	QS-TK-1	1
Primary Drain Transfer Pump	DG-P-1A	1
Primary Drain Transfer Pump	DG-P-1B	1
Primary Drain Transfer Accumulator	DG-TK-1	1
Refueling Water Storage Tank Cooler	QS-E-1A	1
Refueling Water Storage Tank Cooler	QS-E-1B	1