Duquesne Light

Nuclear Division
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December 8, 1983

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Attn: Dr. Thomas E. Murley, Regional Administrator
Region I
631 Park Avenue
King of Prussia, PA 19406

Reference: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
IE Bulletin 82-02

Gentlemen:

In accordance with IE Bulletin 82-02, "Degradation of Threaded Fasteners in the Reactor Coolant Pressure Boundary of PWR Plants", attached is the information required for Action Items 1 and 2 of the Bulletin.

If you have any questions concerning this response, please contact my office.

Very truly yours,

J. J. Carey

J. J. Carey
Vice President, Nuclear

Attachment

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

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IE11

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF BEAVER)

On this 13th day of December, 1983, before me, Sheila M. Fattore, a Notary Public in and for said Commonwealth and County, personally appeared J. J. Carey, who being duly sworn, deposed, and said that (1) he is Vice President of Duquesne Light, (2) he is duly authorized to execute and file the foregoing Submittal on behalf of said Company, and (3) the statements set forth in the Submittal are true and correct to the best of his knowledge, information and belief.

Sheila M. Fattore

SHEILA M. FATTORE, NOTARY PUBLIC
SHIPPINGPORT BORO, BEAVER COUNTY
MY COMMISSION EXPIRES SEPT. 16, 1985
Member, Pennsylvania Association of Notaries

DUQUESNE LIGHT COMPANY
Beaver Valley Power Station - Unit No. 1

ATTACHMENT
Response to IE Bulletin 82-02

Action Item 1

Maintenance procedures were modified, or developed where needed, to include threaded fastener practices as described in Bulletin Action Item 1. This was accomplished prior to the performance of the required inspections.

Action Item 2

Threaded fasteners of closure connections identified in the scope of this Bulletin were inspected when opened for inspection or maintenance during the 1983 refueling outage. The examinations were performed in accordance with approved procedures which were modified or developed to address the concerns of this Bulletin. The following components received magnetic particle and visual examinations in accordance with the Bulletin:

1B Steam Generator Primary Manway Bolts

1C Steam Generator Primary Manway Bolts

1A RC Pump Seal Housing Bolts

1C RC Pump Seal Housing Bolts

RV-RC-551B Pressure Relief Valve Studs & Nuts

The results of the examinations performed are as follows:

VT - visual inspection

MT - magnetic particle inspection

NRI - no reportable indications

1C S/G (32 bolts) (9/82)	VT:	NRI
	MT:	24-NRI, 8 showed linear indications on bolt head, no indications detected in threaded area. Eight bolts replaced with acceptable spares.
1C S/G (32 bolts) (7/83)	VT:	22-severely corroded, 10-NRI
	MT:	corroded bolts not MT inspected, 10-NRI corroded bolts replaced
1B S/G (32 bolts)	VT:	32-NRI
	MT:	32-NRI
1C RCP (12 bolts)	VT:	12-NRI
	MT:	12-NRI
1A RCP (12 bolts)	VT:	12-surface pitting (shank area)
	MT:	12-NRI
PRV 551B (nuts)	VT:	12-NRI, 3 showed linear indications on axial end, 8-poor surface condition, evidence of corrosion
	MT:	12-NRI, 3 showed linear indications on axial end, 8 corroded nuts not MT inspected 11 nuts replaced
(studs)	VT:	12-NRI
	MT:	12-NRI
(nuts)	VT:	4-NRI, 3 showed linear indications
	MT:	4-NRI, 3 showed linear indications on axial end 3 nuts replaced
(studs)	VT:	4-NRI
	MT:	4-NRI