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DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125
TAM, P. Division of Pressurized Water Reactor Licensing - A (post 8

SUBJECT: Confirms 860417 telcon agreements SER (NUREG-1057) Open Item 4 concerning preservice insp program, including (augmented inservice insp) exam of 2-inch welds & smaller.

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NOTES: LPDR 2cys Transcripts. LPDR 2cys PDR Documents. 05000412
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RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director (post 851125
TAM,P. Division of Pressurized Water Reactor Licensing - A (post 8

SUBJECT: Confirms 860417 telcon agreements SER (NUREG-1057) Open Item 4 concerning preservice insp program,including (augmented inservice insp) exam of 2-inch welds & smaller.

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	PWR-A PD2 LA	1	1	PWR-A PD2 PD	1	1
	TAM,P 01	2	2	PWR-A PSB	1	1
	PWR-A RSB	1	1			
INTERNAL:	ACRS 41	6	6	ADM/LFMB	1	0
	ELD/HDS3	1	0	IE FILE	1	1
	IE/DEPER/EPB 36	1	1	IE/DQAVT/QAB 21	1	1
	NRR BWR ADTS	1	0	NRR PWR-A ADTS	1	0
	NRR PWR-B ADTS	1	0	NRR ROE,M.L	1	1
	NRR/DHFT/HFIB	1	1	NRR/DHFT/MTB	1	1
	REG FILE 04	1	1	RGN1	3	3
	RM/DDAMI/MIB	1	0			
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Duquesne Light

Nuclear Construction Division
Robinson Plaza, Building 2, Suite 210
Pittsburgh, PA 15205

2NRC-6-047

(412) 787-5141
(412) 923-1960
Telecopy (412) 787-2629

May 13, 1986

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

ATTENTION: Mr. Peter Tam, Project Manager
Division of PWR Licensing - A
Office of Nuclear Reactor Regulation

SUBJECT: Beaver Valley Power Station - Unit No. 2
Docket No. 50-412
SER Open Item (4)

REFERENCE:
1) BVPS-2 Safety Evaluation Report, NUREG-1057, October 1985
2) DLC Letter 2NRC-5-154, dated December 26, 1985
3) NRC Letter to DLC, dated January 24, 1986
4) DLC Letter 2NRC-6-034, dated April 9, 1986

GENTLEMEN:

As a follow-on to submittal of the BVPS-2 Preservice Inspection Program (reference 2), Duquesne Light Company (DLC) held a telecon with your staff (Messrs. P. Tam, G. Johnson and S. Lee) on April 17, 1986 relative to PSI examination of component supports and Break Exclusion Zone (Augmented ISI) examination of welds 2 inch and smaller size. Agreements reached on the examinations relative to the above are as follows:

1. Preservice Inspection of Component Supports Applicable to IWF - 2200(b)

The ASME Section XI Code, 1980 Edition through Winter 1980 Addenda (BVPS-2 PSI Program Baseline) states in IWF-2200(b): "All examinations shall be performed following the initiation of hot functional tests."

In the DLC submittal PSI Program Document No. NCDP 2.13, paragraph 6.7.3, the following was stated as a clarification: "DLC applies the IWF-2200(b) criteria to "Hot" (>200°F) systems."

The discussion with your staff estabished and clarified that the concern for application of IWF-2200(b) was for component supports subject to thermal stresses and/or movements, and was therefore

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applicable to those systems which are subjected to "Hot" temperatures. The establishment of a system operating temperature of ">200°F" as being "Hot" was agreed upon. Therfore no change to NCDP 2.13 is necessary.

2. Preservice Inspection Examination Requirements of Component Supports applicable to IWF-2200(a) vs. IWF-2510(a) and (b)

The ASME Section XI Code, 1980 Edition through Winter 1980 Addenda (BVPS-2 PSI Baseline) states in IWF-2200(a): "All examinations listed in IWF-2500-2 shall be performed completely, once, as preservice examination."

In the DLC PSI Program procedures for component supports (not including snubbers, which are examined 100% in PSI) and in DLC Program Procedure NCDP 2.13.6, paragraph 6.1.2 (submitted with BVPS-2 PSI Program, reference 2), selection of component supports utilizes IWF-2510(a) and IWF-2510(b).

The discussion with your staff established and clarified that the selection of components supports for PSI utilizing IWF-2510(a) and (b) will meet the intent of providing an examination baseline for In-service Inspection. DLC also indicated that in addition to utilizing multiple stream (train) and multiple components criteria for establishment of "all in one train" of component supports, all Class 1 component (piping) supports applicable to Class 1 integral (piping) attachments, which were selected from any of the multiple trains, would also be included in the examination requirements. Procedure 2.13.7 will be changed to reflect the above.

3. Preservice Inspection of 2 inch and Smaller Welds in Break Exclusion Zone (Augmented Inspection)

The BVPS-2 FSAR (section 6.6.8) and DLC submitted PSI Procedure NCDP 2.13, paragraph 6.5.5 identified Break Exclusion Zone (Augmented ISI) and extent of examinations. DLC submitted PSI Procedure NCDP 2.13.5, step 6.2.2.5, "Limitations/Clarifications", further indicated that: "Miscellaneous branch connections and socket welds (1 1/2 inch. and 2 inch. sizes) are not included in the PSI examination."

The agreement reached is based on the folowing:

(a) The specific requirements for Break Exclusion Zone piping welds is for a "volumetric only" examination (ultrasonic methods at BVPS-2).

(b) Obtaining meaningful results by ultrasonic methods for miscellaneous branch connections and socket welds (1 1/2 inch and 2 inch sizes) is highly improbable.

(c) The intent of PSI examination as a baseline for ISI is to provide for trending service-induced degradation.

The agreement reached is to perform surface examination with sampling criteria compatible with Class 2 weld selection criteria for PSI (i.e. 10% sampling, prorated).

An FSAR Amendment to paragraph 6.6.8 and revision to NCDP 2.13.5 will be forthcoming to incorporate the above clarifications. In-process examination of Break Exclusion Zone piping welds will also incorporate this criteria.

The above items should be considered part of the PSI Program submittal which is presently under staff review and for which a confirmatory status of the part of SER Open Item (4) concerning PSI has been requested by July 1, 1986 (reference 4).

DUQUESNE LIGHT COMPANY

By J. J. Carey
J. J. Carey
Vice President

JJS/jdw
AR/NAR

cc: Mr. P. Tam, Project Manager
Mr. J. M. Taylor, Director (3)
Mr. W. Troskoski, Sr. Resident Inspector
Mr. L. Prividy NRC Resident Inspector
INPO Records Center
NRC Document Control Desk

SUBSCRIBED AND SWORN TO BEFORE ME THIS 9th DAY OF May, 1986.

Sheila M. Fattore
Notary Public

SHEILA M. FATTORE, NOTARY PUBLIC
SHIPPINGPORT BORO, BEAVER COUNTY
MY COMMISSION EXPIRES OCT. 23, 1989
Member, Pennsylvania Association of Notaries