



GPU Nuclear Corporation
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Writer's Direct Dial Number:

February 10, 1984

Dr. Thomas E. Murley, Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Dr. Murley:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
IE Bulletin 84-01

In response to the subject Bulletin concerning "Cracks in Boiling Water Reactor Mark I Containment Vent Headers", an exterior visual inspection of the entire vent ring header and 'main' vents, in the region near the intersection with the vent ring-header, was performed. Direct inspection was performed for areas where access to the headers was facilitated by the torus catwalk and scaffolding erected to support ongoing torus work. Areas not directly accessible were inspected remotely with the aid of binoculars and flashlights.

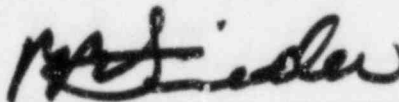
The nitrogen purge line was inspected from the connection to the compressor to the connection with the vacuum breaker line. The vacuum breaker line was inspected from the connection with the nitrogen purge line to the torus shell. This was done after consultation with Hatch 2 licensee representatives to obtain more specific information than that which was provided in the Bulletin. Nitrogen gas, for inerting purposes, is admitted to the torus via vacuum breaker piping and is unlike the configuration at Hatch 2. Attached for your information are data sheet copies of the vent header and nitrogen purge line inspections.

The inspection performed in response to the Bulletin supplemented more detailed inspections already done in conjunction with torus modification work which has been ongoing for nearly a year. Those inspections included a complete internal inspection of the interior of the vent ring-header and

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'main' vents. Inspection results show that no indication of vent ring-header or 'main' vent cracking, as experienced at Hatch 2, are evident at Oyster Creek. There was no evidence of cracks in the vacuum breaker or nitrogen purge piping, either.

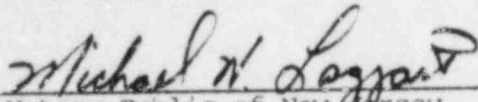
Very truly yours,



Peter B. Fiedler
Vice President and Director
Oyster Creek

PBF:PFC:dam
Enclosures

Sworn to and Subscribed before me
this 10 day of February 1984.



A Notary Public of New Jersey

MICHAEL LAGGART

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires December 31, 1985

cc: U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

NRC Resident Inspector
Oyster Creek Nuclear Generating Station
Forked River, NJ 08731

CRT

Site: <u>Oyster Creek</u>		Inspection ID: <u>N/A</u>		Component: <u>TORUS</u>	
Description: <u>VENT HEADER INSPECTION - CRACKS IN BUR MARK I CONTAINMENT VENT HEADERS</u>					
I.D.: <u>II-Bulletin No. 84-01</u>		Procedure: <u>MTN-021 & D</u>		Material: <u>C/S</u>	
Test Method: <u>VT VT-1</u>		No. Positions: <u>N/A</u>		Thickness: <u>N/A</u>	
Examiner: <u>P.T. Johnson & W. NADENUS</u>		I.D.: <u>4209</u>		Date: <u>FEBRUARY 3, 1984</u>	
Examiner:		I.D.:		Level: <u>II</u>	
Method: <u>VISUAL (Only)</u>		Level:		Method: <u>Direct</u>	
MAGNETIC PARTICLE (Only) Particle: <u>Wet</u> ☐ <u>Dry</u> ☐ <u>Color</u> ☐ Visible ☐ <u>Fluorescent</u> ☐ <u>Batch</u> ☐ Instrument: <u>A</u> Method: <u>Current</u> ☐ <u>Amperes</u> ☐		DYE PENETRANT (Only) Cleaner Batch# <u>N</u> Penetrant Batch# <u>N</u> Developer Batch# <u>A</u> Method: <u>Visible</u> ☐ <u>Thermometer</u> ☐ <u>Fluorescent</u> ☐ <u>Temp</u> ☐		(If Applicable) Lighting <u>FLUORESCENT</u> (If Applicable) 1/32" blackline on Neutral Gray Card <u>VERIFLO</u> ☐ Indirect ☐ Magnifying Glass Power <u>N/A x</u> ☐ Fiberoptic Model <u>N/A</u> S: <u>N/A</u> ☐ Binoculars Model <u>N/A</u> S: <u>N/A</u>	

BAY ID	Ind. No.	Status	Size (Inches)	Distance From (Inches)				Surface	Remarks
				CW	CCW	1	2		
1								➤	NO CRACKING detected
2								➤	NO CRACKING detected
3								➤	NO CRACKING detected
4								➤	NO CRACKING detected
5								➤	NO CRACKING detected
6								➤	NO CRACKING detected
7								➤	NO CRACKING detected
8								➤	NO CRACKING detected
9								➤	NO CRACKING detected
10								➤	NO CRACKING detected
11								➤	NO CRACKING detected
12								➤	NO CRACKING detected

No Recordable Indications ☒
Recordable Indications ☐
Non Relevant Indications ☐

Reviewed by: <u>Robert Turner</u>	Level: <u>II</u>	Date: <u>2/4/84</u>	Page 1 of 2	NDE Request No. <u>84-034</u>
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Visual/Surface Data Continuation Page

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Site: OYSTER CREEK		Inspection ID: N/A		Component: TORUS		
Description: VENT HEADER INSPECTION - CRACKS IN BOILING WATER REACTOR BLACK I CONTAINMENT VENT HEADERS						
I.D.: IE Bulletin No 84-01		Procedure: MINE-COI No		Material: C/S		
Thickness: N/A		Test Surface: DD				
Test Method: VT-VEI		No. Positions: N/A		Distance: N/A		
In. Drawing: N/A		Date: FEBRUARY 4, 1984		VISUAL (Only)		
Examiner: R. J. Vadomas RD NADOMAS		I.D.: 4209		Level: II		
Examiner: Rodump Turner RD TURNER		I.D.: 1863		Level: II		
MAGNETIC PARTICLE (Only)			DYE PENETRANT (Only)			
Particle: Wet ☐ Dry ☐ Color ☐ Visible ☐ Fluorescent ☐ Batch ☐			Cleaner Batch # Penetrant Batch # Developer Batch #			
Instrument: Method ☐ Current ☐ Machine ☐ Amperes ☐			Method: Visible ☐ Thermometer ☐ Fluorescent ☐ Temp ☐			
			Method: ☒ Direct (If Applicable) Lighting FLASHLIGHT (If Applicable) 1/32" blackline on Neutral Gray Card VERIFIED ☒ Indirect ☐ Magnifying Glass Power N/A ☐ Fiberoptic Model N/A S N N/A ☐ Binoculars Model dual eyes N. G. A			
BAY	Ind. No.	Status	Size (Inches)	Distance From (Inches)	Surface	Remarks
ID.				CW CCW 1 2		
16						No CRACKING detected
17						No CRACKING detected
18						No CRACKING detected
19						No CRACKING detected
20						
No Recordable Indications ☒						Recordable Indications ☐
Non Relevant Indications ☐						
Reviewed by: Stan M. C. O.		Level: II		Date: 2/4/84		
Page 1 of 1		NDE Request No. 84-034				

Site: <u>Oyster Creek</u>		Inspection ID: <u>N/A</u>		Component: <u>Nitrogen Purge Sys.</u>	
Description: <u>BRANCH CONNECTION AT NITROGEN PURGE TO R.A. TUBES VACUUM BREAKER LINE</u>					
I.D.: <u>IE Bulletin No. 84-01</u>		Procedure: <u>WINE-001 R.C.</u>		Material: <u>C/S</u>	
Thickness: <u>N/A</u>		Test Surface: <u>O.D.</u>			
Test Method: <u>VT-1</u>		No. Positions: <u>1</u>		Distance: <u>N/A</u>	
In. Drawing: <u>N/A</u>		Date: <u>FEBRUARY 9, 1984</u>			
Examiner: <u>Rodney Turner R. Turner</u>		I.D.: <u>1863</u>		Level: <u>II</u>	
Examiner: <u>N/A</u>		I.D.: <u>N/A</u>		Level: <u>N/A</u>	
MAGNETIC PARTICLE (Only)			DYE PENETRANT (Only)		
Particle: <u>N</u>			Cleaner Batch # <u>N</u>		
Wet ☐ Dry ☐ Color ☐			Penetrant Batch # <u>N</u>		
Visible ☐ Fluorescent ☐ Batch <u>N</u>			Developer Batch # <u>N</u>		
Instrument: <u>A</u>			Method: <u>A</u>		
Method <u>A</u> Current <u>N</u>			Visible ☐ Thermometer <u>N</u>		
Machine <u>N</u> Amperes <u>N</u>			Fluorescent ☐ Temp <u>N</u>		
Method: ☒ Direct					
(If Applicable) Lighting <u>Flashlight</u>					
(If Applicable) 1/32" blackline on <u>verified</u>					
Neutral Gray Card <u>verified</u>					
☐ Indirect					
☐ Magnifying Glass Power <u>N</u>					
☐ Fiberoptic Model <u>A</u> S N <u>N</u>					
☐ Binoculars Model <u>A</u> S N <u>N</u>					
ID.	Ind. No.	Status	Size (Inches)	Distance From (Inches)	Surface
				CW CCW 1 2	
BRANCH CONNECTION: 2nd Piping Sys					NO CRACKING DETECTED
No Recordable Indications ☒ Recordable Indications ☐ Non Relevant Indications ☐					
Reviewed by: <u>Stan Mula</u>		Level: <u>II</u>		Date: <u>2/4/84</u>	
Page 1 of 1		NDE Request No. <u>84-034</u>			