

October 9, 2020

AEP-NRC-2020-71
10 CFR 50.55a

Docket No.: 50-315

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

**Supplement to Request for Relief Related to American Society of Mechanical Engineers (ASME)
Code Case N-729-6 Supplemental Examination Requirements, ISIR-5-04**

Reference:

Letter from Q. S. Lies, Indiana Michigan Power Company to U. S. Nuclear Regulatory Commission, "Request for Relief related to American Society of Mechanical Engineers (ASME) Code Case N-729-6 Supplemental Examination Requirements, ISIR-5-04," dated October 5, 2020, (ADAMS Accession No. ML20279A713).

By the Reference letter, pursuant to 10 CFR 50.55a(z)(2), Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) Unit 1, requested that the Nuclear Regulatory Commission (NRC) approve an alternative to Code Case N-729-6 for CNP Unit 1. At the time the relief request was submitted, I&M had not completed the CO₂ cleaning and subsequent visual examination (VE) required by Code Case N-729-6 Paragraph -3142.1 (b)(2).

The purpose of this supplement is to provide the photographs of the U1 reactor vessel closure head (RVCH) and provide the post CO₂ cleaning update of the results of the subsequent VE. I&M performed CO₂ cleaning and VE on the 17 specific penetrations and general surfaces identified in the Reference letter to have relevant conditions. The subsequent VE found no relevant conditions in the identified areas specified in the Reference letter, of the RVCH. The enclosure to this letter provides photographs of both the pre-CO₂ cleaning condition and final condition following CO₂ cleaning of the RVCH.

I&M requested approval of the proposed relief request prior to entry into Mode 2. Mode 2 is now scheduled to occur early on October 15, 2020. I&M is still requesting approval of the relief request on the original date of October 14, 2020.

There are no new commitments in this letter. Should you have any questions, please contact Mr. Michael K. Scarpello, Director of Regulatory Affairs, at (269) 466-2649.

Sincerely,

A handwritten signature in black ink, appearing to read "Quinton A. Lies". The signature is fluid and cursive, with the first name "Quinton" being larger and more prominent than the last name "Lies".

Q. Shane Lies
Site Vice President

DLW/kmh

Enclosure: Final Photographs of the CNP Unit 1 Reactor Vessel Closure Head (RVCH)

C:

R. J. Ancona – MPSC
EGLE – RMD/RPS
J. B. Giessner – NRC Region III
NRC Resident Inspector
S. P. Wall – NRC Washington, D.C.
A. J. Williamson – AEP Ft. Wayne, w/o enclosures

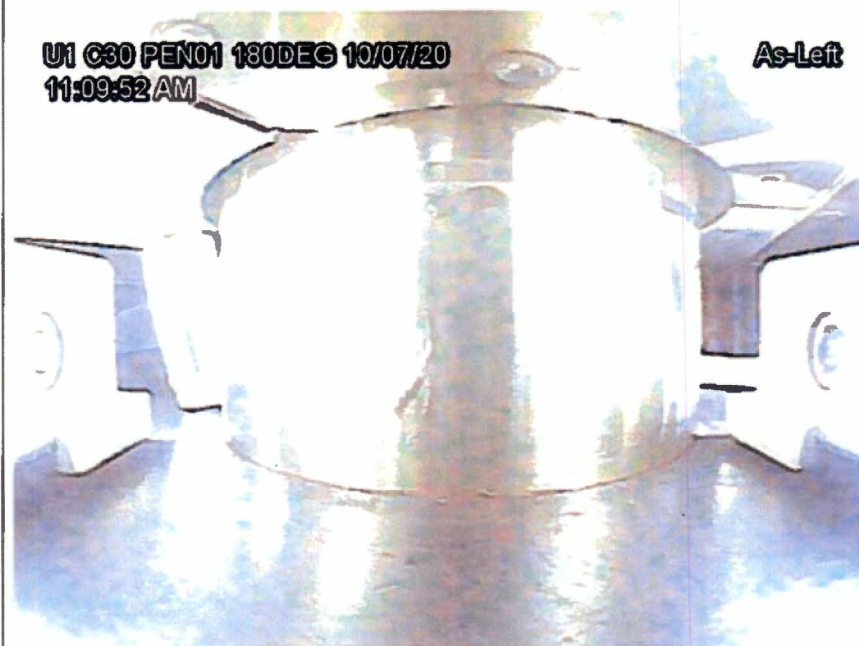
Enclosure to AEP-NRC-2020-71

Final Photographs of the CNP Unit 1 Reactor Vessel Closure Head (RVCH)

U1C30 RVCH Inspection Photos
Penetration Number 1



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As Left Photo

U1C30 RVCH Inspection Photos
Penetration Number 7

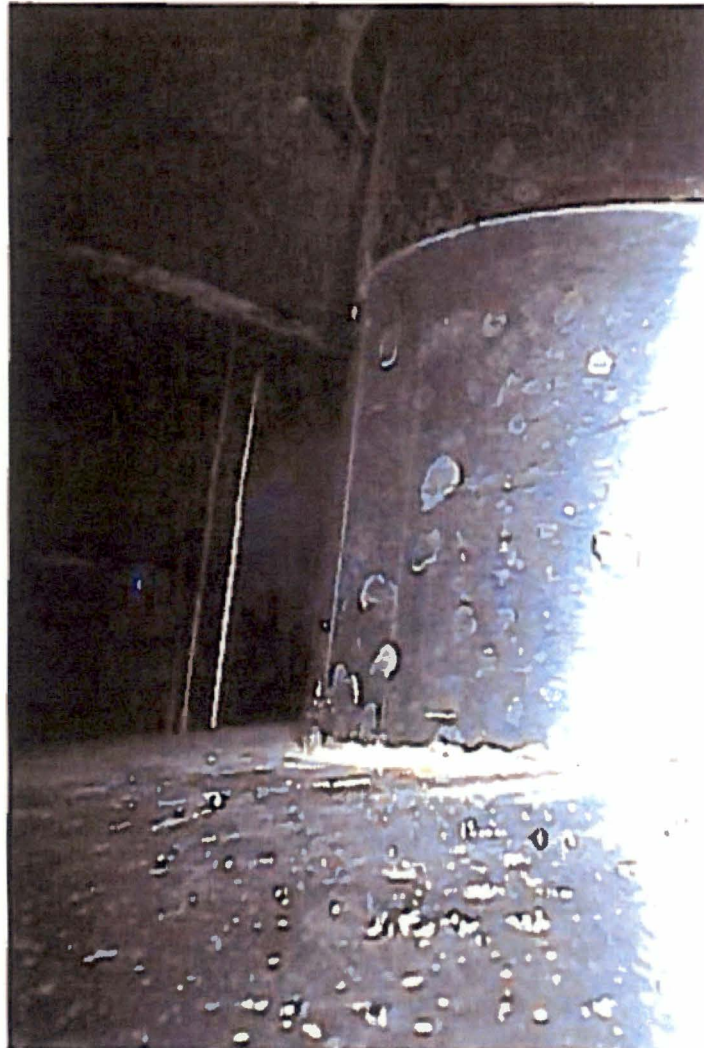


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U1C30 RVCH Inspection Photos
Penetration Number 8

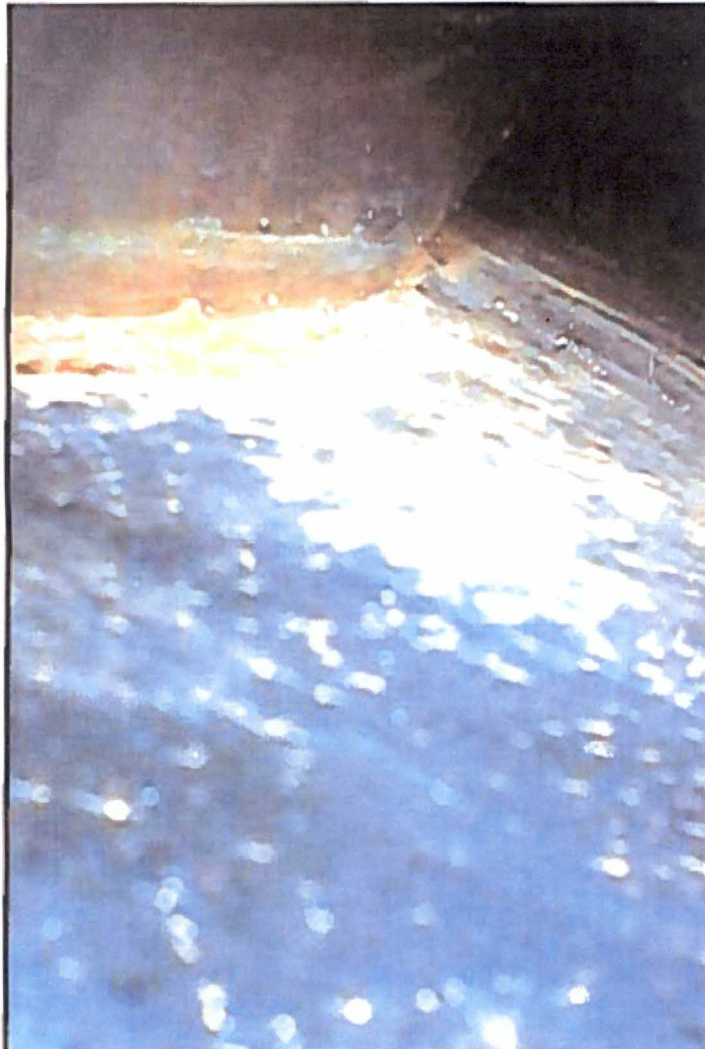


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U1C30 RVCH Inspection Photos
Penetration Number 10



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U1C30 RVCH Inspection Photos
Penetration Number 22



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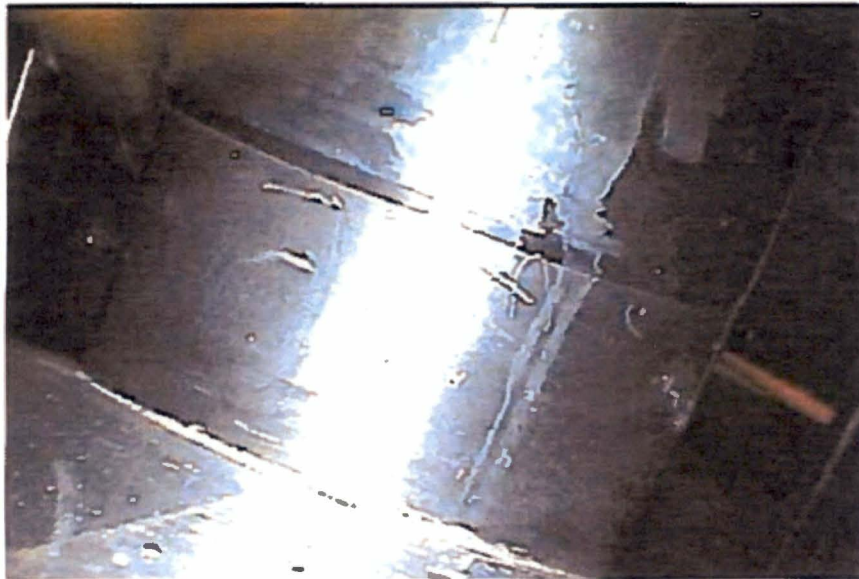


U1 C30 PEN22 180DEG 10/07/20
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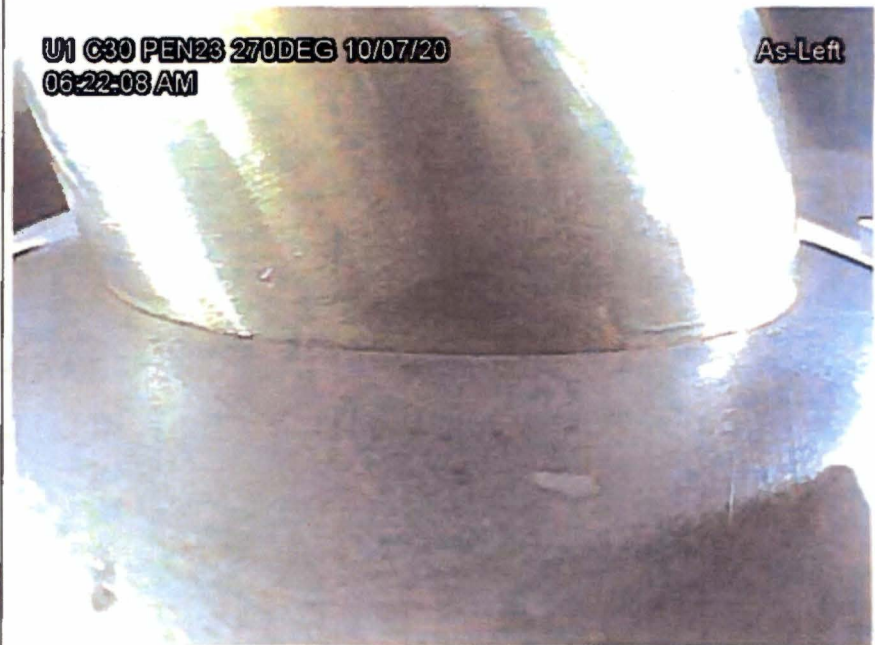
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U1C30 RVCH Inspection Photos
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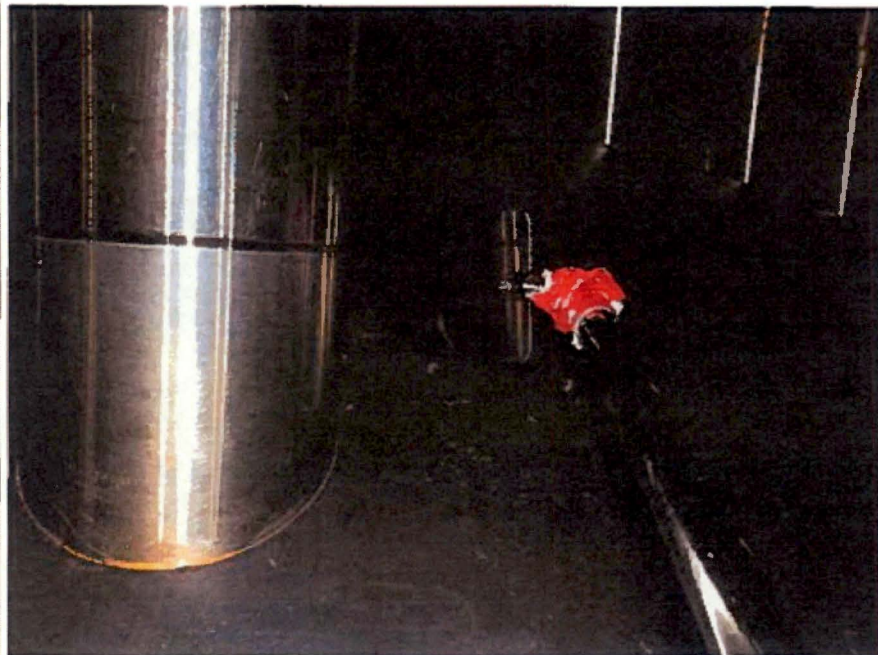


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U1C30 RVCH Inspection Photos
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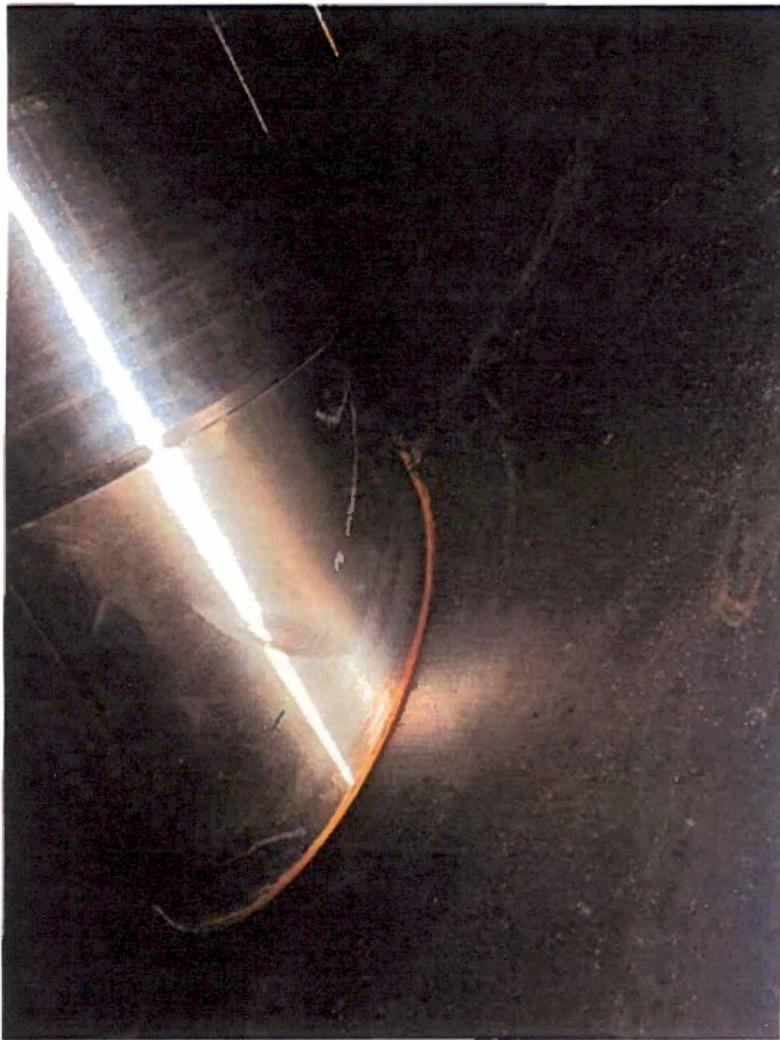


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U1C30 RVCH Inspection Photos
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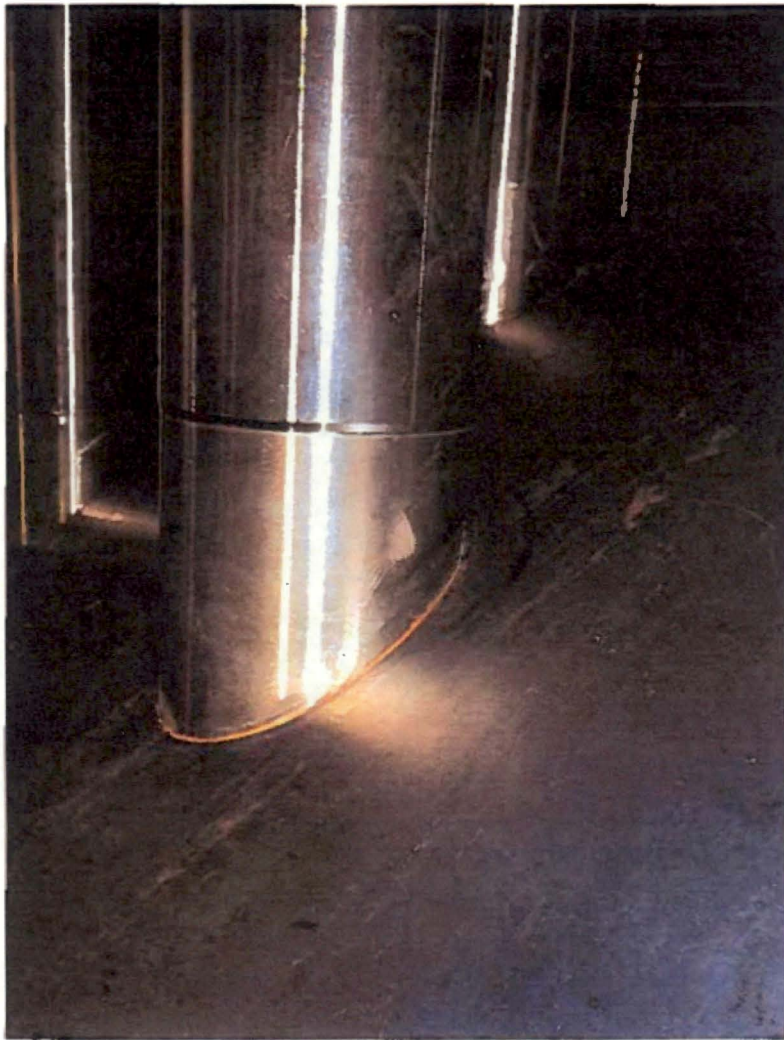


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U1C30 RVCH Inspection Photos
Penetration Number 59



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U1C30 RVCH Inspection Photos
Penetration Number 62

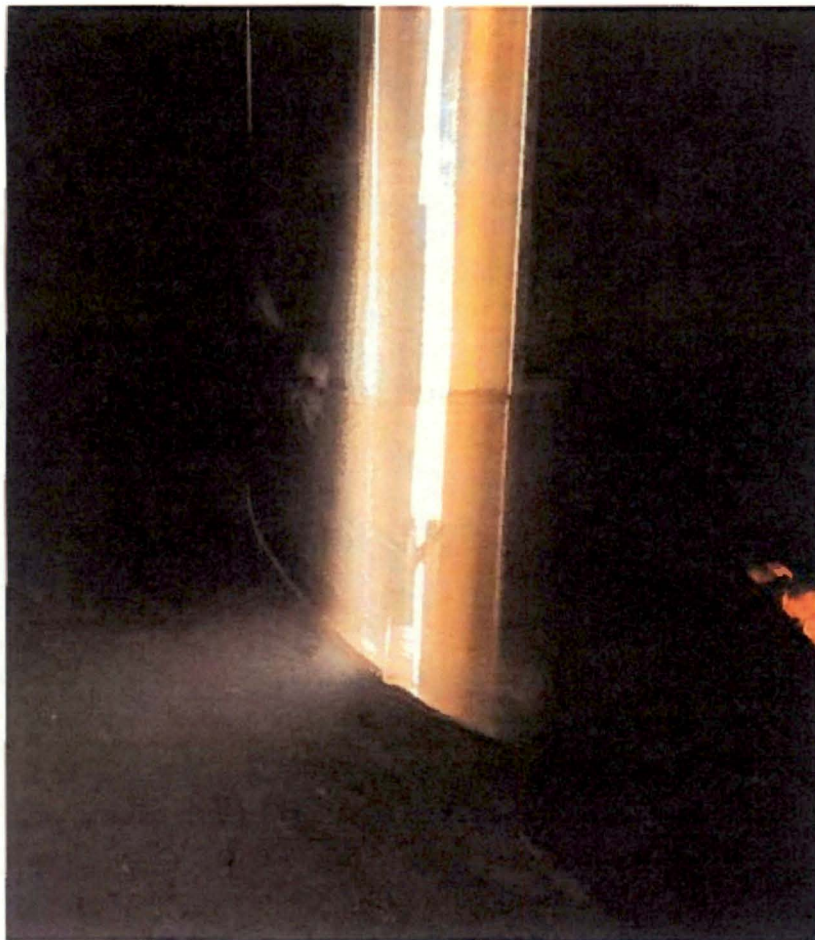


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U1C30 RVCH Inspection Photos
Penetration Number 64

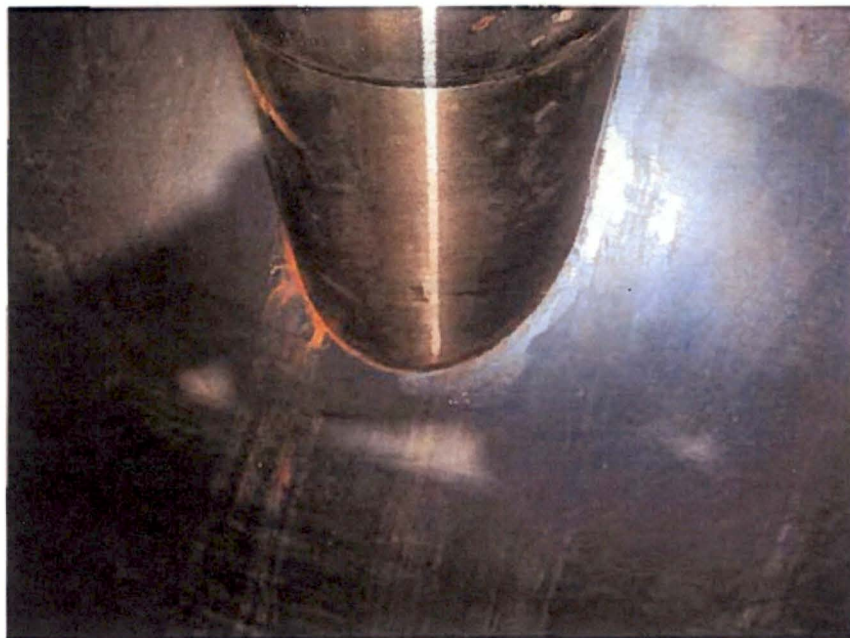


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U1C30 RVCH Inspection Photos
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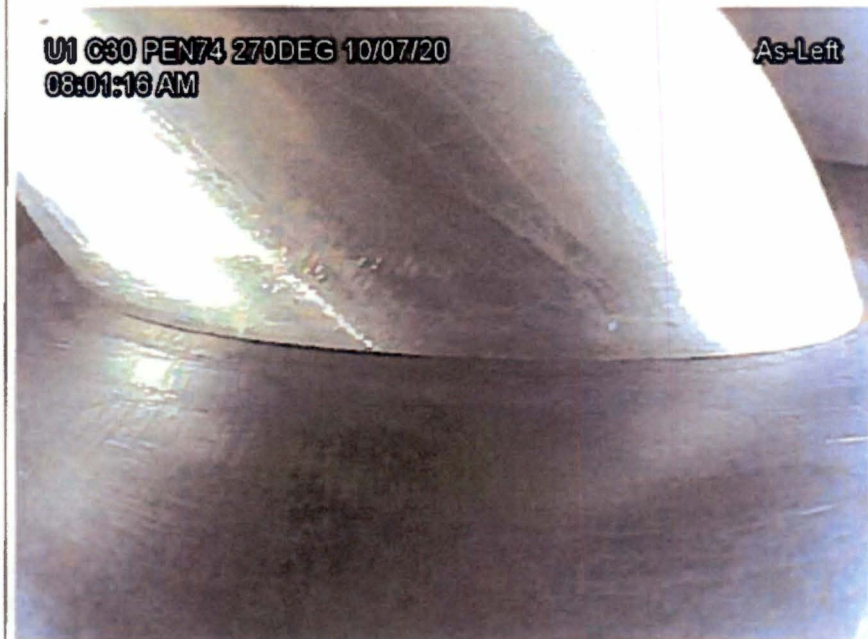


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U1C30 RVCH Inspection Photos
Penetration Number 74



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U1C30 RVCH Inspection Photos
Penetration Number 75



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U1C30 RVCH Inspection Photos
Penetration Number 76



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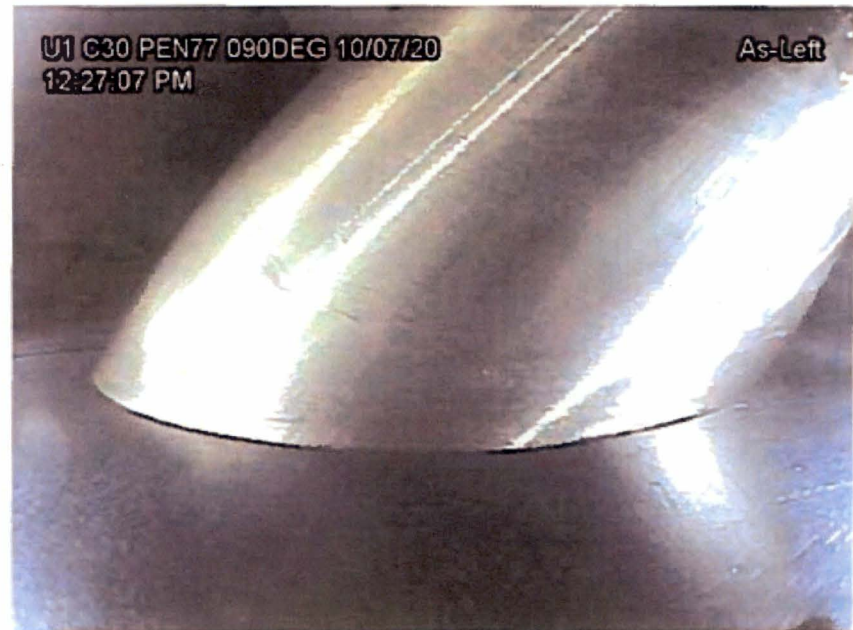


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U1C30 RVCH Inspection Photos
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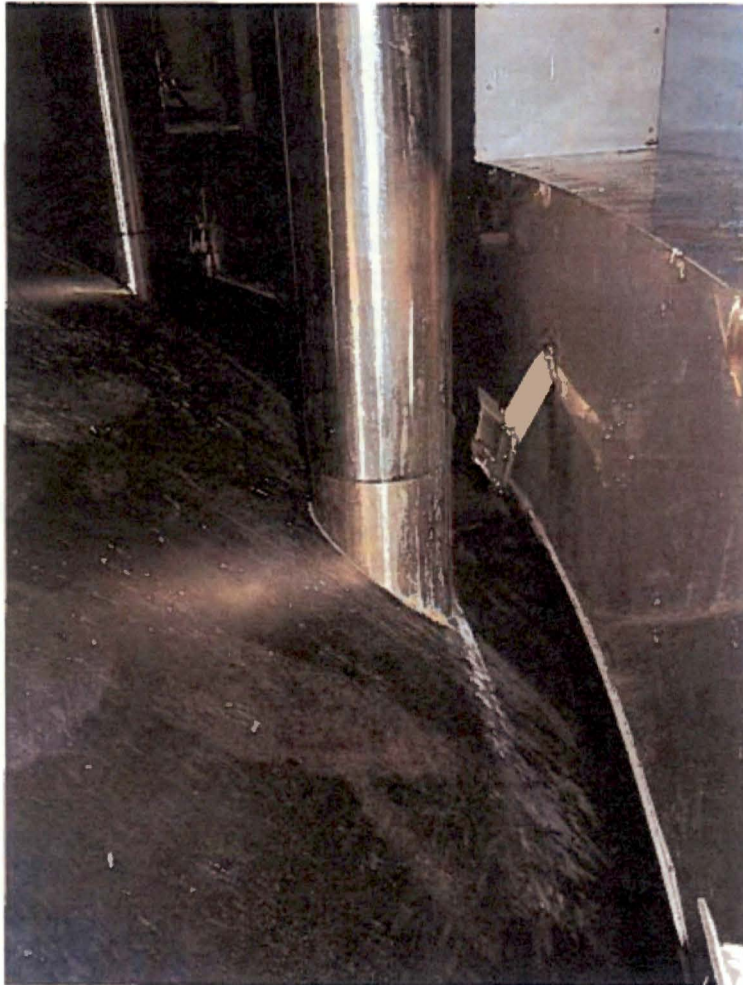


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U1C30 RVCH Inspection Photos
Penetration Number 79

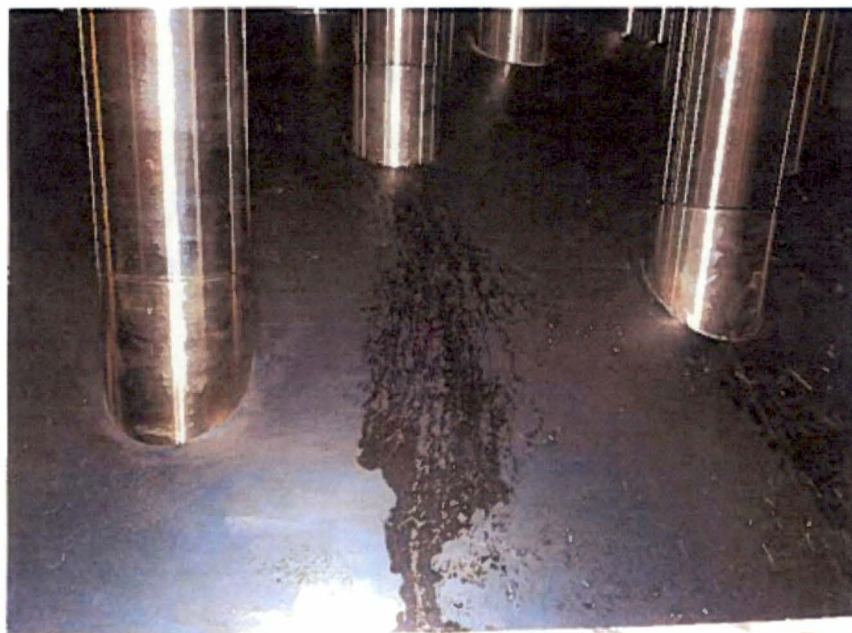


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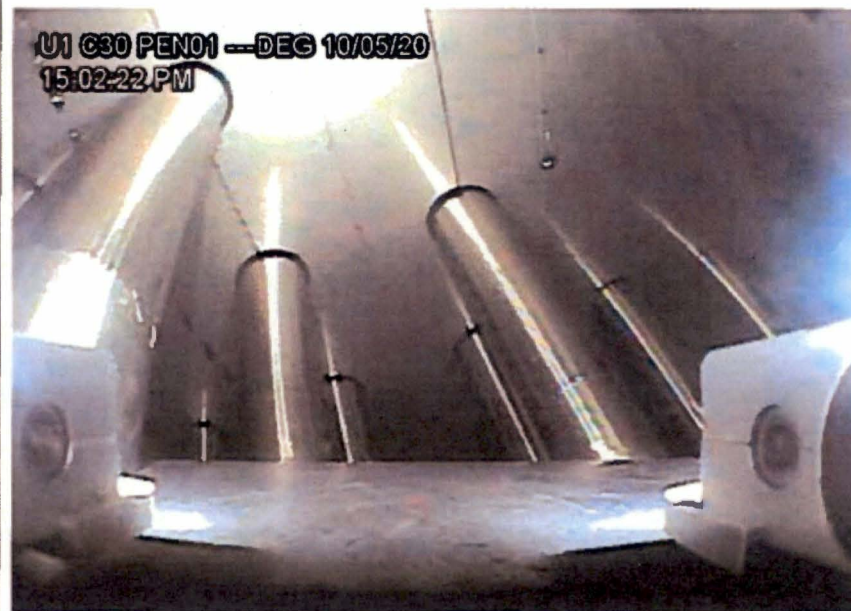


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U1C30 RVCH Inspection Photos RVCH Surfaces



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