GPU Nuclear

GPU Nuclear
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Forked River, New Jersey 08731
609-693-6000
Writer's Direct Dial Number:

October 8, 1982

Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
Divison of Licensing
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20034

Dear Sir:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Inservice Inspection Program

As required by 10 CFR 50.55(a)(g)(5)(iii), GPU Nuclear (GPUN) has performed a review of the Inservice Inspection Program requirements for the Oyster Creek Nuclear Generating Station.

The enclosure describes the results of our review and provides justification for relief in inspecting ten (10) dissimilar metal welds (nozzle-to-safe-end welds) in the Recirculation System at Oyster Creek. Based on the information provided in the enclosure, we request relief from inspecting the following welds using volumetric and surface examination methods:

NG-A-26	NG-A-1
NG-B-25	NG-B-1
NG-C-24	NG-C-1
NG-D-23	NG-D-1
NG-E-27	NG-E-1

In the event that any comments or questions arise, please contact Mr. J. Knubel at (201) 299-2264.

Very truly yours,

Peter B. Fiedler
Vice President and Director
Oyster Creek

cc: Mr. Ronald C. Haynes, Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

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

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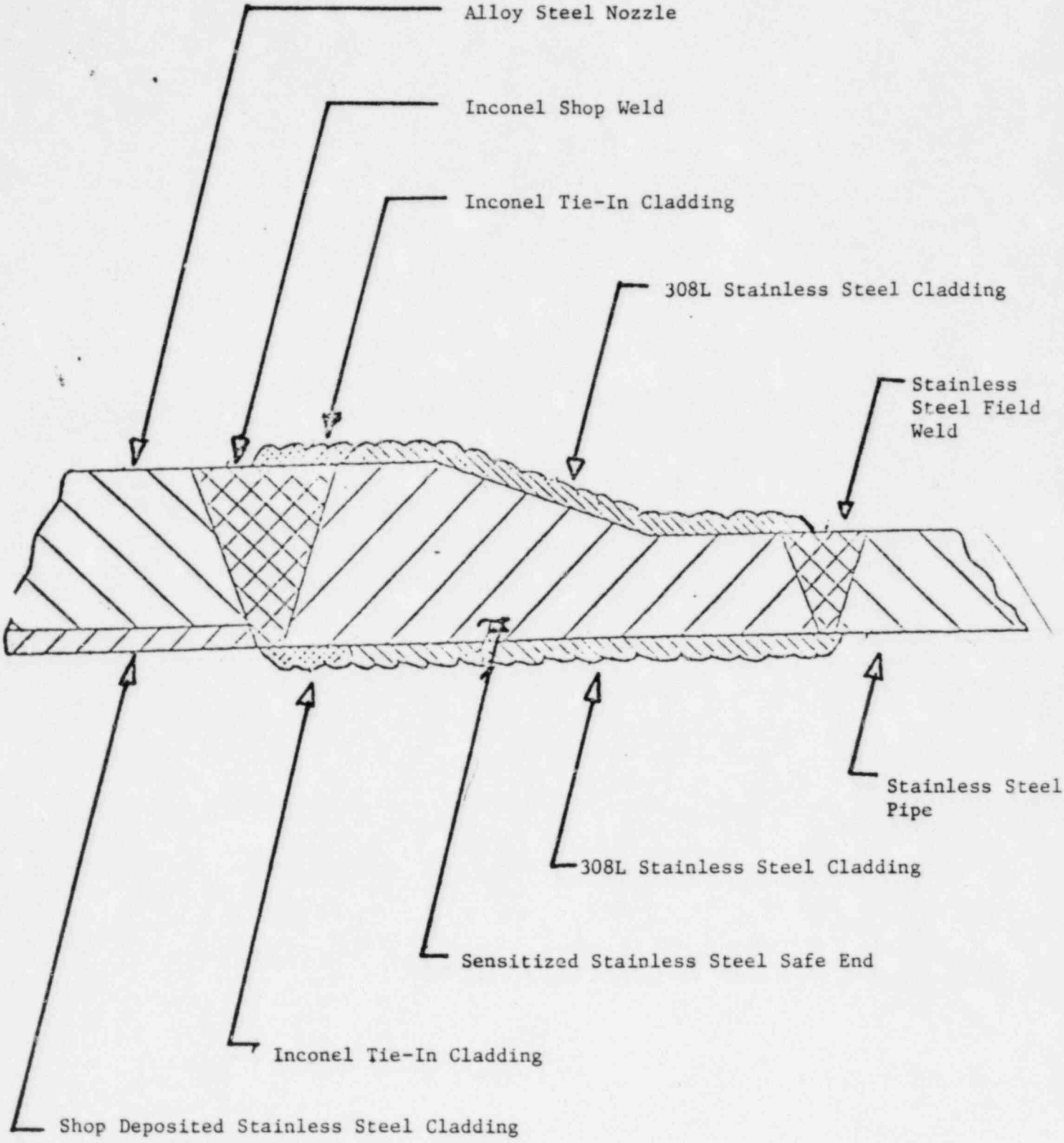
Category	- B-F
Item Number	- B1.6
Identification	- Pressure-Retaining Dissimilar Metal Welds (Nozzle-to-Safe-End Welds)
System	- Recirculation System
Weld I.D.'s	- NG-A-26 NG-A-1 NG-B-25 NG-B-1 NG-C-24 NG-C-1 NG-D-23 NG-D-1 NG-E-27 NG-E-1
Required Exam	- Volumetric and Surface
Relief for Exam	- 1. Visual Examination during system pressure test, each refueling outage. 2. Visual Examination during system hydrostatic test, each inspection interval.
Reason for Relief	- Accessibility. In addition NUREG 0313 recognizes clad overlays such as those utilized in this case to preclude intergranular stress corrosion cracking.
Bases of Relief	- Oyster Creek has recirculation nozzle safe ends fabricated from Austenitic 300 series stainless steel. The safe ends are furnace sensitized. For this reason during installations the safe ends were clad on the I.D. with an overlay of 308L material and as a result of surface cracking on the O.D. were repaired by removing defects and cladding on the O.D. with an overlay of 308L material. The resulting construction is schematically depicted on Attachment 1.

Based on this joint configuration we feel that meaningful volumetric and surface examination is impossible.

Attachment 1



SAFE END CLADDING

TYPICAL OF RECIRC. NOZZLE REPAIR