



SERIAL: LAP-83-47

Carolina Power & Light Company

APR 28 1983

Director of Nuclear Reactor Regulation
Attention: Mr. D. B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-324
LICENSE NO. DPR-62
REQUEST FOR REVISIONS TO TECHNICAL SPECIFICATIONS
REMOVAL OF MAPLHGR PENALTY

Dear Mr. Vassallo:

SUMMARY

In accordance with the Code of Federal Regulations, Title 10, Part 50.90 and Part 2.101, Carolina Power & Light Company (CP&L) hereby requests revisions to the Technical Specifications (TS) for the Brunswick Steam Electric Plant, Unit No. 2 (BSEP2). These revisions supersede the TS pages referenced by our letter dated July 21, 1982 requesting deletion of the 8.5 percent Maximum Average Planar Linear Heat Generation Rate (MAPLHGR) reduction penalty.

DISCUSSION

In a letter dated July 21, 1982, CP&L provided a summary of the technical justification for removing the 8.5 percent MAPLHGR reduction penalty and requested issuance of TS pages 3/4 2-1 through 3/4 2-9A provided in our May 20, 1982 submittal. Subsequent to that letter, your staff requested that CP&L provide a formal request for revision of the Technical Specifications. This submittal constitutes that request.

The crack in the core spray sparger-to-junction box weld, reported by CP&L to Region II on May 20, 1982 has been clamped. Sketches of the clamp, its location on the core spray sparger, and the gauging fixture used to position the clamp, are enclosed as requested by your staff.

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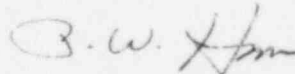
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ADMINISTRATIVE INFORMATION

Changes to the TS are indicated by vertical lines in the right-hand margin of the affected pages which are attached. In accordance with 10 CFR 170.22, we have determined that these changes involve a single technical issue and thus constitute one Class III license amendment request, the fee for which was forwarded in our letter dated December 29, 1982.

Should you require additional information, please contact our staff.

Yours very truly,



P. W. Howe
Vice President
Brunswick Nuclear Project

JSD/cfr (6308JSD)
Attachments

P. W. Howe, having been first duly sworn, did depose and say that the information contained herein is true and correct to his own personal knowledge or based upon information and belief.

Marsha N. Stone
Notary (Seal)

My commission expires: 3 - 22 - 87

cc: Mr. D. O. Myers (NRC-BSEP)
Mr. J. P. O'Reilly (NRC-RII)
Mr. S. D. MacKay (NRC)

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Carolina Power & Light Company

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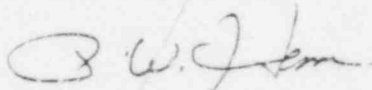
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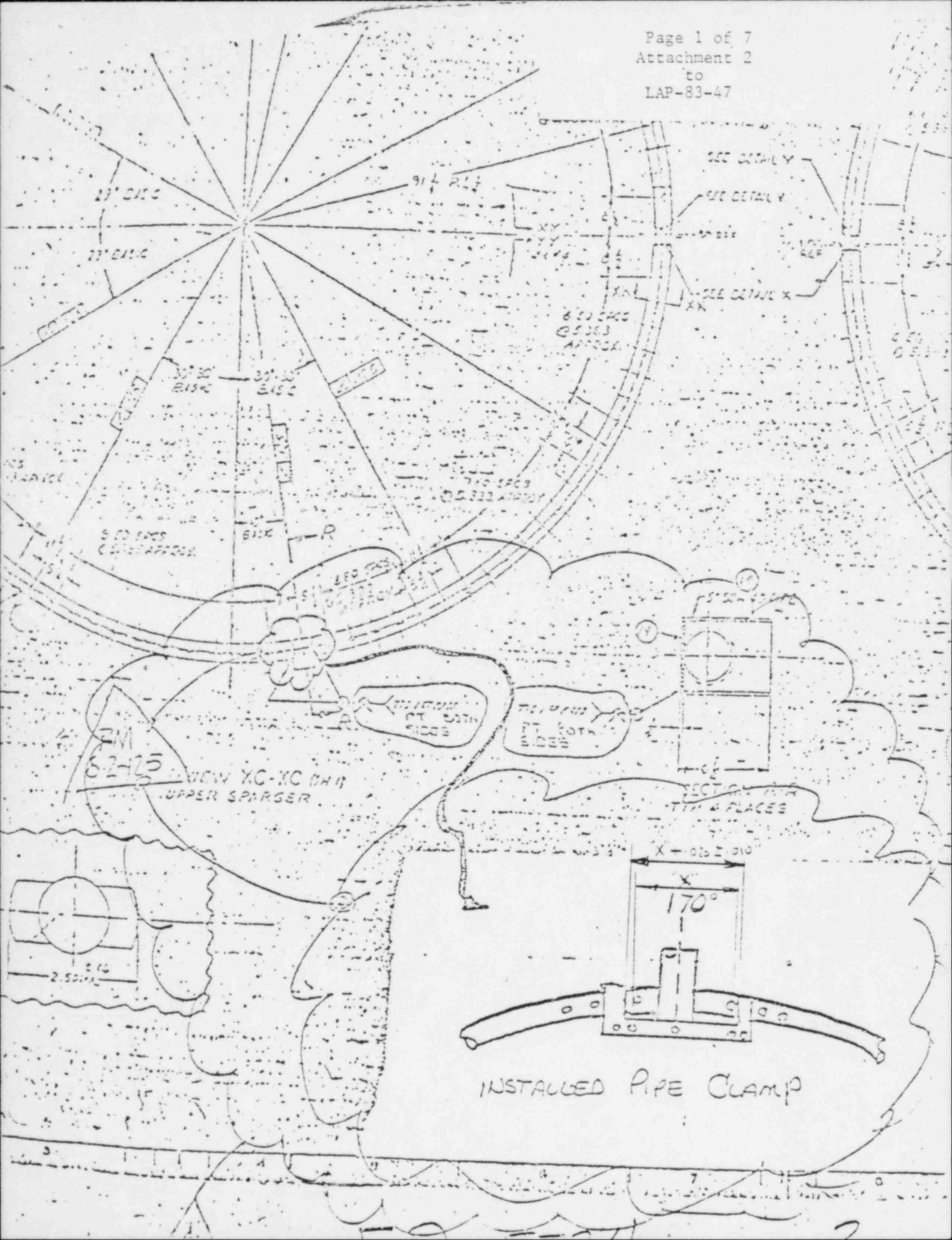
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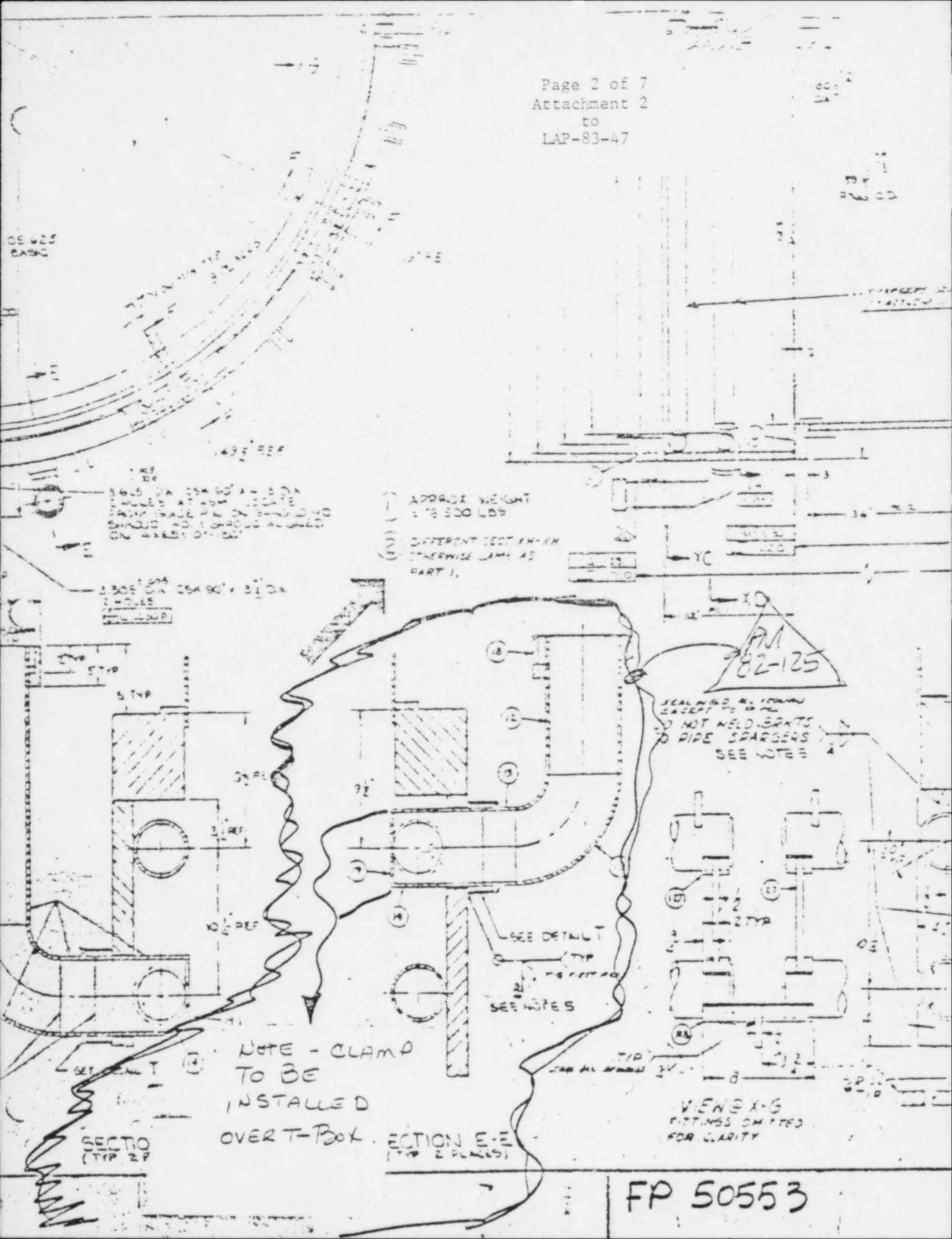
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My commission expires: 3.22.87

cc: Mr. D. O. Myers (NRC-BSEP)
Mr. J. P. O'Reilly (NRC-RII)
Mr. S. D. MacKay (NRC)





1.305 204 204 80' 21' 204

- (1) APPROX WEIGHT : 75 500 LBS
- (2) DIFFERENT SECT FROM OTHERWISE SAME AS PART 1.

PM
 82-125

SEAL WELD ALL JOINTS EXCEPT TO BOWL
 NOT WELD SPARTS
 PIPE SPARGERS
 SEE NOTES

SEE DETAIL
 TYP
 SEE NOTES

NOTE - CLAMP
 TO BE
 INSTALLED
 OVER T-POCK

SECTION
 (TYP. 2P)

SECTION E-E
 (TYP. 2 PLANES)

VIEW X-G
 DIMENSIONS OMITTED
 FOR CLARITY

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REV 1
PAGE 4 OF 7

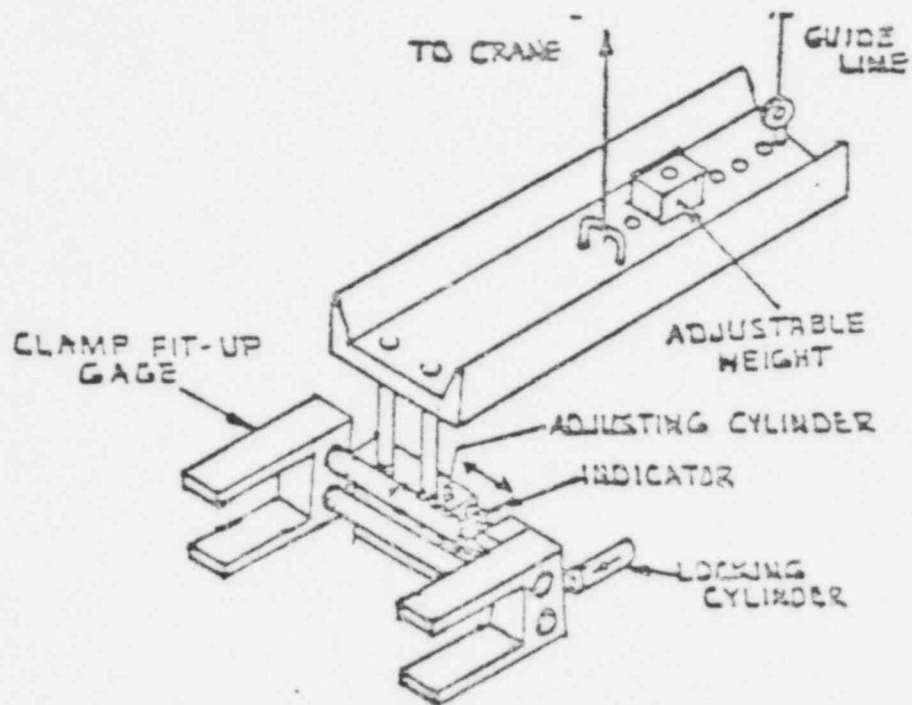


FIGURE 1 FIT-UP TOOL AND HANDLING FIXTURE

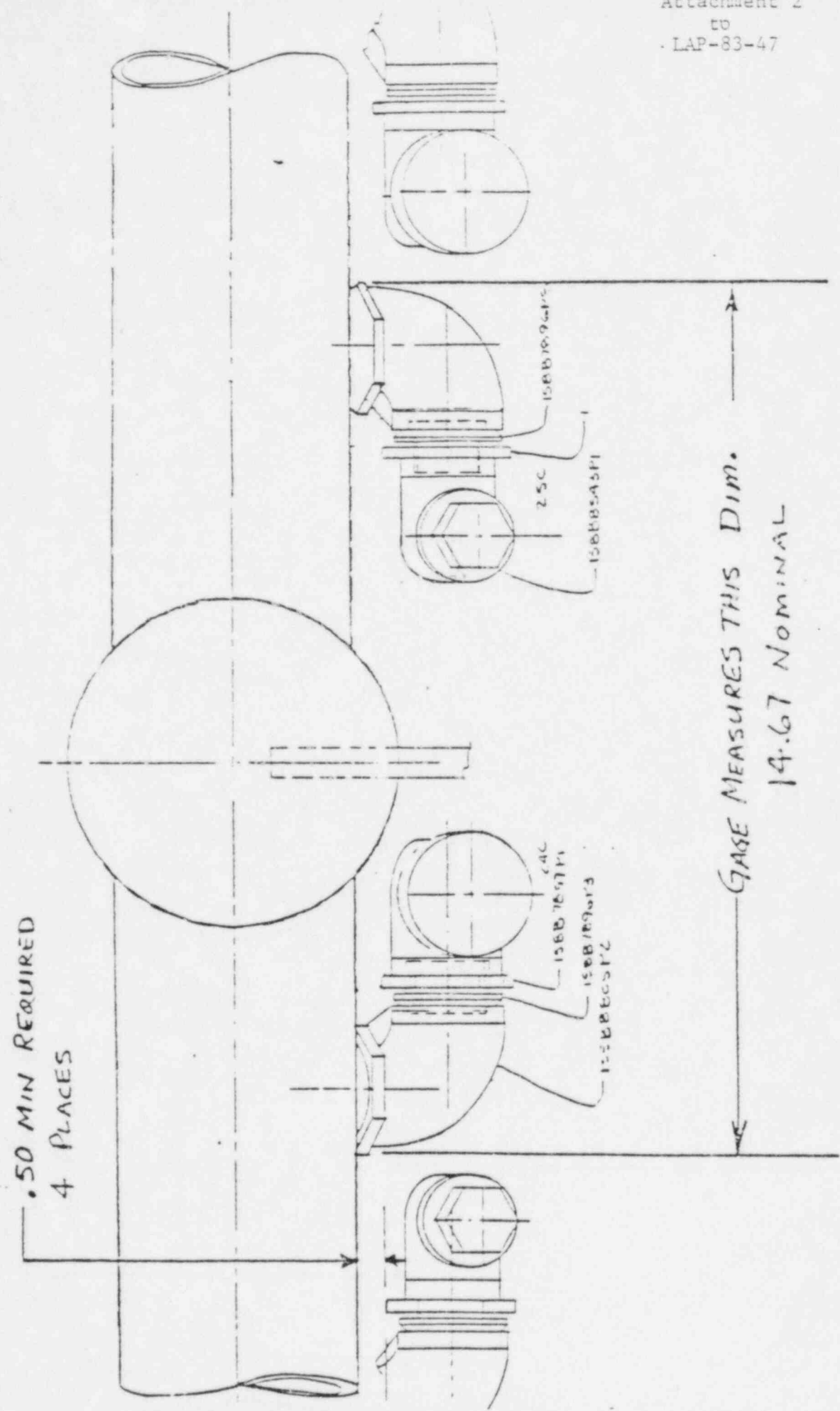
5.1.3 Close balancing valve (Figure 6, Part 25) to the adjusting cylinder (slaves) and their respective master cylinder. Connect the clamping cylinder to the hydraulic hoses and the pump portion of the crimping tool 795E753G001 (by Others). Do not exceed 100 psig in the unclamp direction or 300 psig in the clamp direction.

5.1.4 Check dial indicator for position and base reading.

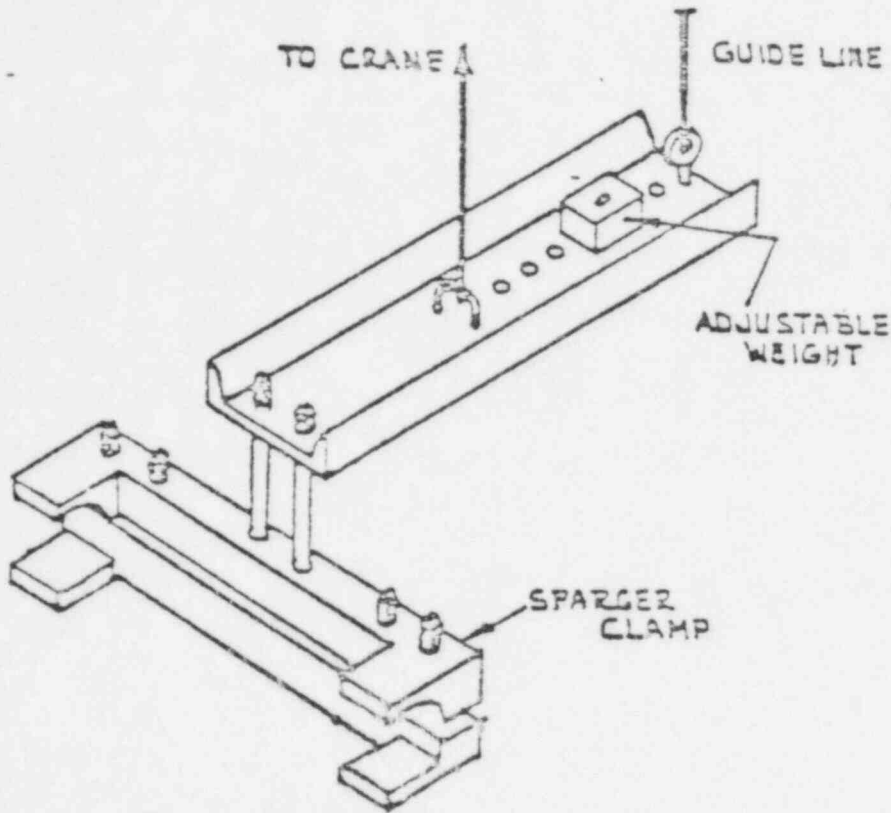
5.1.5 Lower the fit-up gage into the reactor and place it on the sparger in the same position that the clamp will be installed with the fingers of the gage spanning the correct nozzles. Check for proper position with the underwater TV.

5.1.6 Operate the master for the adjusting cylinder to adjust the fingers inward against the nozzles. Actuate clamping cylinder to hold the gage at this dimension. Record the dial indicator reading. This gaging operation should be repeated three times and the average reading should be used.





SECTION: SECTION 2 CORE SPRAY TOWER MEASUREMENTS



EW 82-125
REV 1
PAGE 5 OF 7

FIGURE 2 SPARGER CLAMP AND HANDLING FEATURE

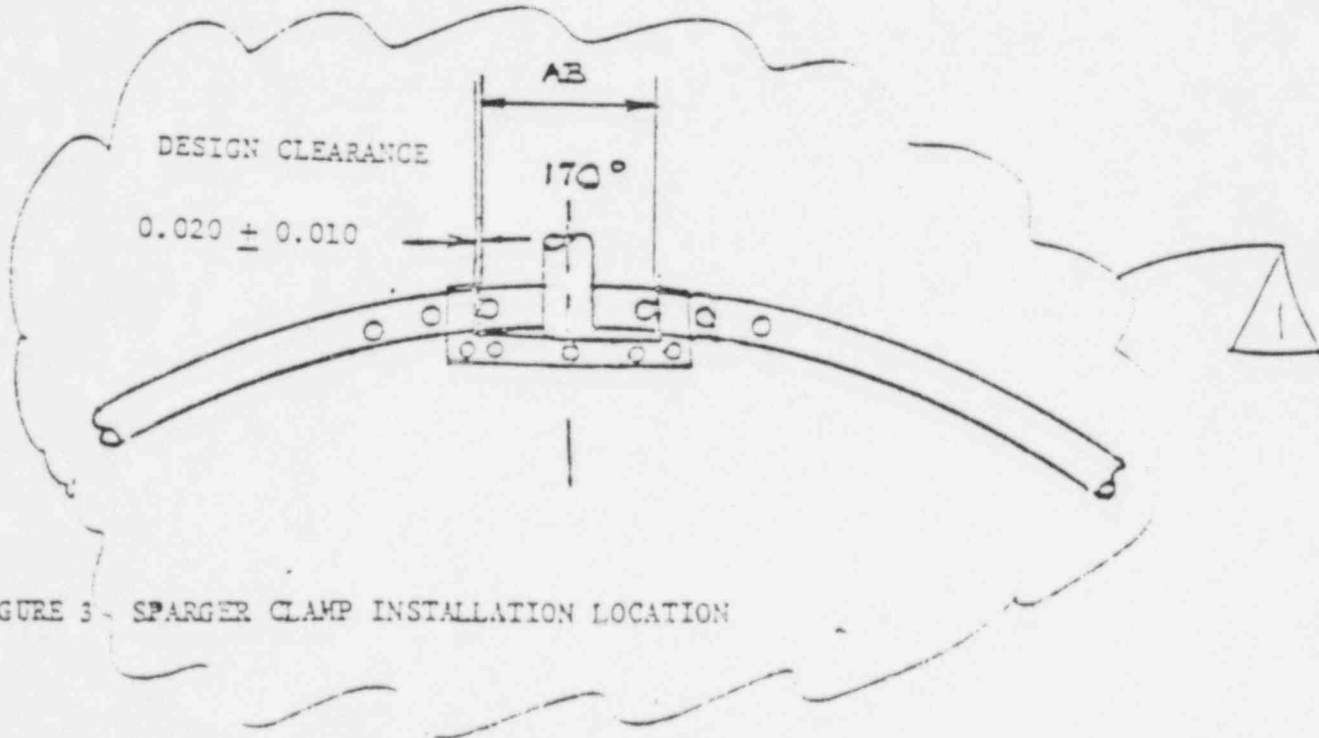


FIGURE 3 SPARGER CLAMP INSTALLATION LOCATION



NUMBER _____ BY _____ SHEET _____ OF _____
 SUBJECT _____

REV. 82-125
 2
 9 41

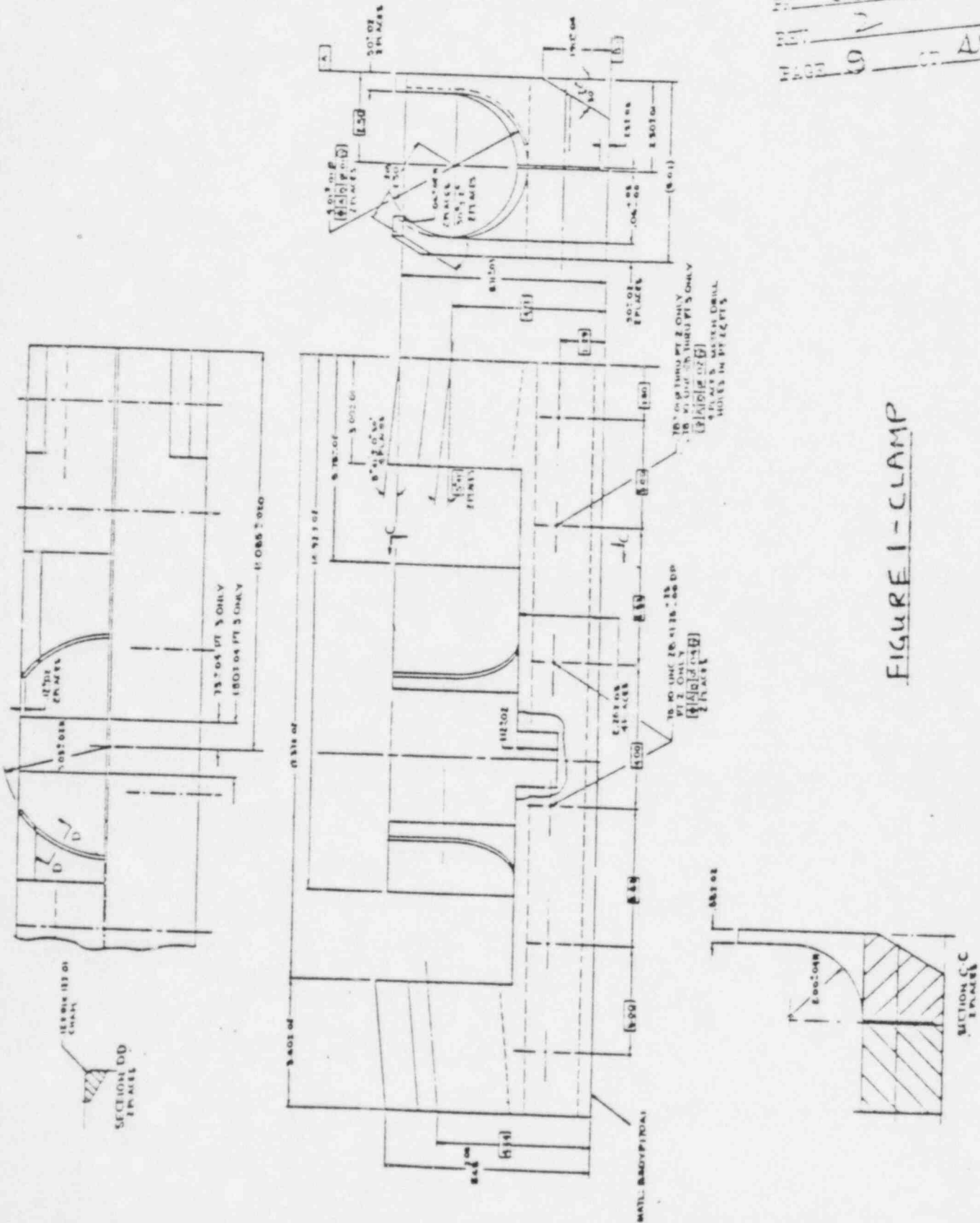
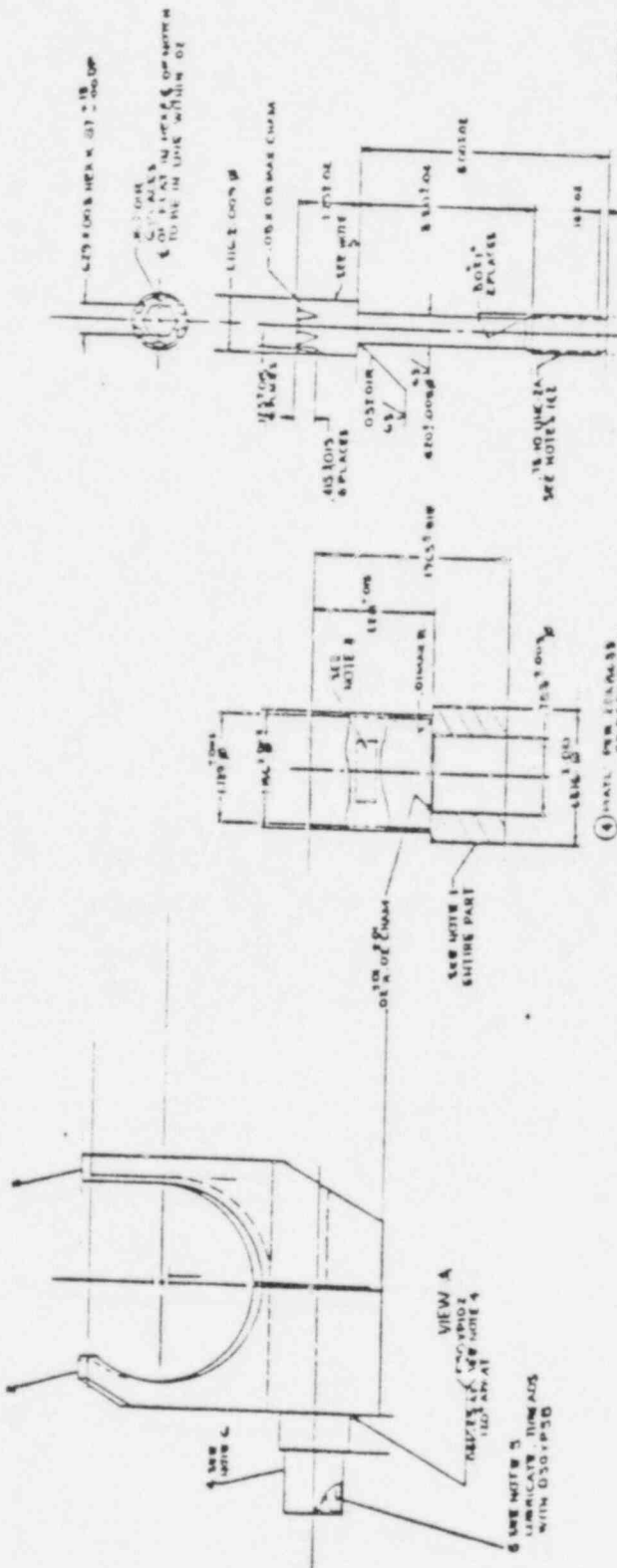
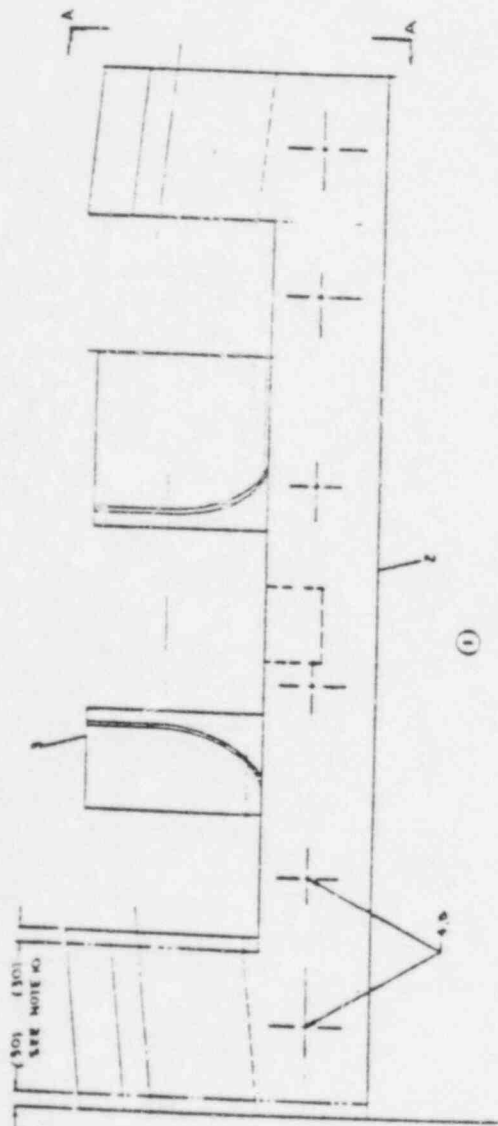


FIGURE 1-CLAMP

NUMBER _____
 SUBJECT _____ BY _____ SHEET _____ OF _____



IM 62-123
 REV 2
 PAGE 10 OF 41

⑤ MATL: 350V FLOW AIR IN ON
 8300 HEAT OR 8300 PRESSURE IN
 SPECIAL MATL ON
 8300 MATERIAL ON

FIGURE 2-CLAMP ASSEMBLY

⑥ SEE NOTE 3
 LUBRICATE THERMALS
 WITH D50-P30