

ILLINOIS POWER COMPANY



U-0500
L30-82(06-11)-L
500 SOUTH 27TH STREET, DECATUR, ILLINOIS 62525

June 11, 1982

Mr. Harold Bernard, Acting Chief
Standardization & Special Projects Branch
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Bernard:

Reference: Letter 2/23/82 (U-0422), G. E. Wuller, IP to
J. R. Miller, NRC - transmitted Preservice
Inspection Program

Clinton Power Station Unit 1
Docket No. 50-461

Transmitted herewith are some changes to our Preservice Inspection (PSI) Program which was furnished via the referenced letter. The PSI program changes consist of additional or revised material which is provided as replacement pages for the referenced submittal. A sheet of change out instructions is also furnished.

Included with this submittal are three Southwest Research Institute (SwRI) nondestructive testing (NDT) procedures; and five drawings (identified as Appendix B Figures) which were not previously available, namely:

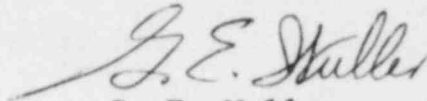
- 1) SwRI-NDT-600-11, Revision 34, February 1982 (not previously submitted)
- 2) SwRI-NDT-600-41, Revision 4, March 1982 (replacement due to revision)
- 3) SwRI-NDT-900-4, Revision 23, February 1982 (not previously submitted)
- 4) Figures B-72 through B-77

3001

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Page 2

This submittal should close out the Clinton SER outstanding issue #8. Please let us hear soon if you have any questions on this material.

Sincerely,



G. E. Wuller
Supervisor - Licensing
Nuclear Station Engineering

GEW/lt

cc: Mr. J. H. Williams, NRC Clinton Project Manager (w/o Enc.)
Mr. H. H. Livermore, NRC Resident Inspector
Mr. M. R. Hum, NRC MTEB
Illinois Dept. of Nuclear Safety (w/o Enc.)

Illinois Power Company
Clinton Power Station Unit 1

Instructions for Updating the Clinton Preservice Inspection
Program

VOLUME II APPENDICES - Examination Plan for the Preservice
Examination

Remove

Appendix B

Page B-iii
Pages B-85 through B-90

Appendix D

Page D-i & D-ii
After Procedure
SwRI-NDT-600-5
Rev. 33 (Page 14)

Procedure SwRI-NDT-600-41
Rev. 1, Aug. 1981 (32 pages)

After Procedure
SwRI-NDT-900-2
Rev. 7, Mar. 1978 (Page 6)

Insert

Page B-iii (Change 2)
Pages B-85 through B-90
(Change 2)

Page D-i & D-ii (Change 2)
Procedure SwRI-NDT-600-11
Rev. 34, Feb. 1982

Procedure SwRI-NDT-600-41
Rev. 4, Mar. 1982 (17 pages)

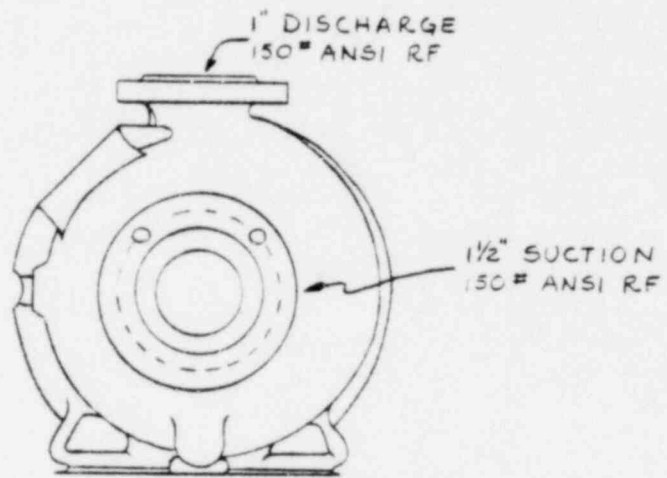
Procedure SwRI-NDT-900-4
Rev. 23, Feb. 1982 (5 pages)

APPENDIX B

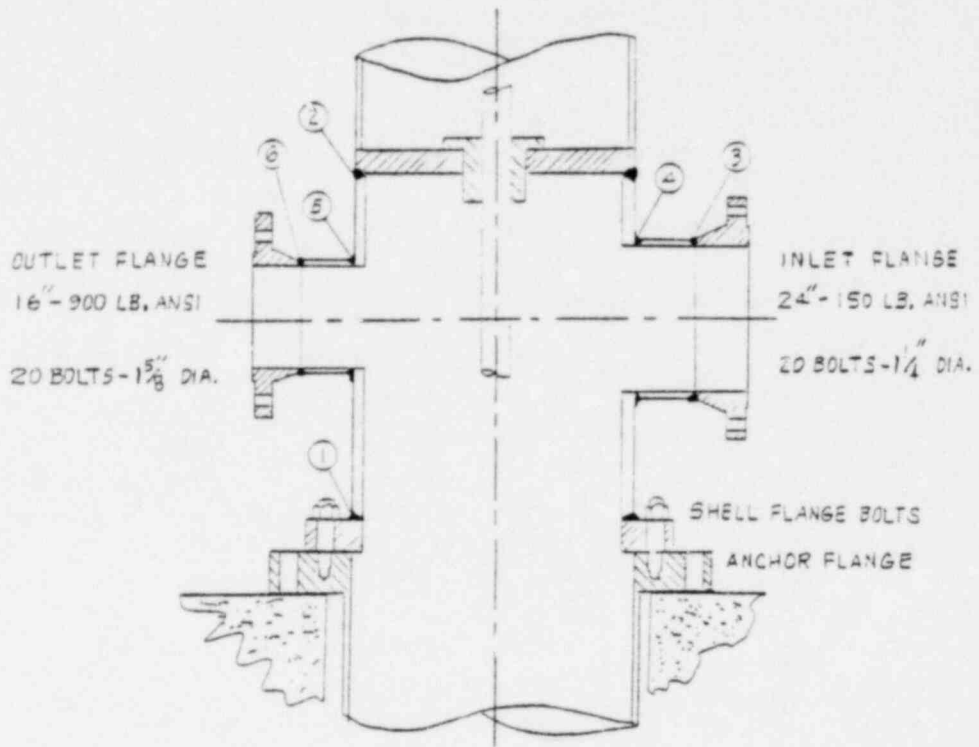
CLASS 2 WELD AND COMPONENT IDENTIFICATION FIGURES

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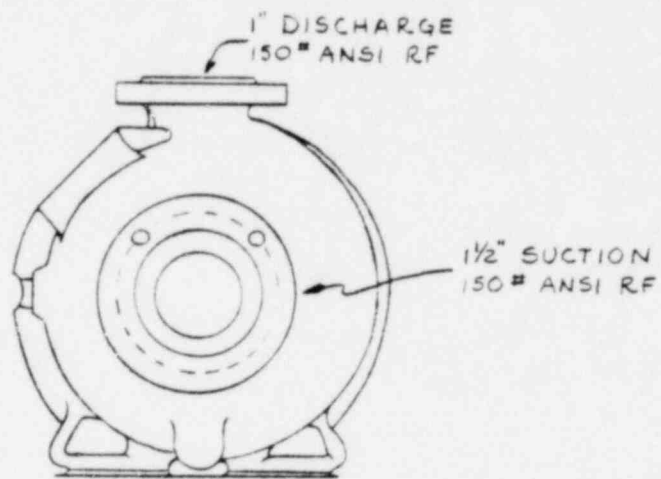
LOW PRESSURE CORE SPRAY WATER LEG PUMP
(LPCSWL)
1E21C002
FIG B-72



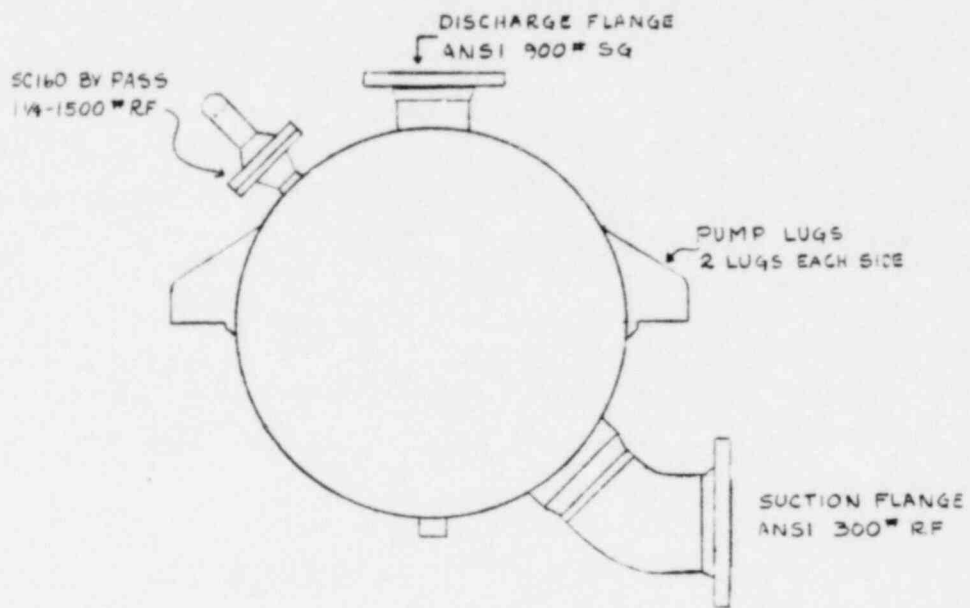
HPCS PUMP

1 E 22-0001

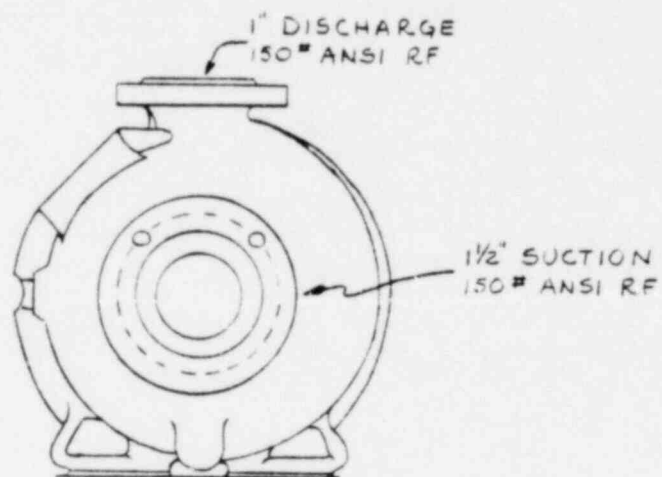
FIG. B-73



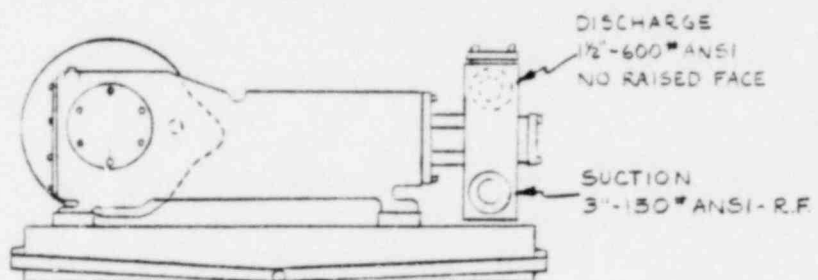
HIGH PRESSURE CORE SPRAY WATER LEG PUMP
(HPCSWL)
1E22C003
FIG B-74



REACTOR CORE ISOLATION COOLING PUMP
(RCIC)
E51-C001
FIG. B-75



REACTOR CORE ISOLATION COOLING WATER LEG PUMP
(RCICWL)
1E51C003
FIG B-76



STANDBY LIQUID CONTROL PUMP
(SLC)
10410001
FIG B77

APPENDIX D

SOUTHWEST RESEARCH INSTITUTE
NONDESTRUCTIVE TESTING PROCEDURESTable of Contents

<u>Procedure No.</u>	<u>Title</u>
SwRI-NDT-200-1/54	Liquid Penetrant Examination Color Contrast Method
SwRI-NDT-300-1/24	Dry Powder Magnetic Particle Examination
SwRI-NDT-300-2/32	Fluorescent Magnetic Particle Examination
SwRI-NDT-600-5/33	Manual Ultrasonic Examination of Nuclear Reactor Pressure Vessel Flange Ligaments
SwRI-NDT-600-11/34	Manual Ultrasonic Examination of Vessel-to-Nozzle Inner Radius Sections
SwRI-NDT-600-13/28	Manual Ultrasonic Examination of the Reactor Pressure Vessel Flange-to-Shell Weld
SwRI-NDT-600-14/14	Manual Ultrasonic Examinations of Studs and Bolts
SwRI-NDT-600-15/47	Manual Ultrasonic Examination of Pressure Vessel Welds
SwRI-NDT-600-16/24	Manual Ultrasonic Examination of Vessel Support Skirt Attachment Welds
SwRI-NDT-600-18/32	Manual Ultrasonic Examination of Pressure-Retaining Studs and Bolts 2 Inches or Greater in Diameter Containing Access Holes
SwRI-NDT-600-19/29	Manual Ultrasonic Examination of Pressure-Retaining Round Nuts 2 Inches or Greater in Diameter
SwRI-NDT-600-24/4	Manual Ultrasonic Examination of Straight Cylindrical Sections of BWR Feedwater Nozzles
SwRI-NDT-600-37/4	Manual Ultrasonic Examination of Hexagonal Nuts
SwRI-NDT-600-41/4	Manual Ultrasonic Examination of Ferritic Pressure Piping Welds

APPENDIX D

SOUTHWEST RESEARCH INSTITUTE
NONDESTRUCTIVE TESTING PROCEDURESTable of Contents (cont'd)

<u>Procedure No.</u>	<u>Title</u>
SwRI-NDT-700-5/8	Mechanized Ultrasonic Examination of Vessel Components, Vessel Welds and Piping Welds
*SwRI-NDT-700-6/9	Mechanized Ultrasonic Examinations of Ferritic Vessels 2-1/2 Inches or Greater in Thickness
*SwRI-NDT-800-53/5	Manual Ultrasonic Examination of Nozzle Inside Radius Sections with Bore Diameters of 2 to 6 Inches
*SwRI-NDT-800-77/0	Manual Ultrasonic Examination of Austenitic Pressure Piping Welds at Clinton Power Station Unit 1
SwRI-NDT-900-1/49	Visual Examination of Nuclear Reactor Components by Direct or Remote Viewing
SwRI-NDT-900-2/7	Visual Examination of Nuclear Reactor Internals by Direct or Remote Viewing
SwRI-NDT-900-4/23	Visual Examination of Support Members and Structures for Piping, Valves, and Pumps by Direct or Remote Viewing

*In preparation