

FORM NIS-1 (back)

8. Examination Dates 1983 to 1984 9. Inspection Interval from N/A to N/A

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (See Pages 3, 4 of 4)

11. Abstract of Conditions Noted. (See Pages 3, 4 of 4)

12. Abstract of Corrective Measures Recommended and Taken (See Pages 3, 4 of 4)

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date July 25 1985 Signed Stenn O. Mills By _____
Owner

Certificate of Authorization No. (if applicable) _____ Expiration Date _____

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of PENNSYLVANIA and employed by PHILA. MFGRS. MUTUAL INS. CO. of PHILA. PA. have inspected the components described in this Owners' Data Report during the period NOV. 29, 1976 to FEB. 12, 1985, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date SEPT. 18 1985

William R. Rogers III
Inspector's Signature

FACTORY MUTUAL SYSTEM

NB7980 PA2204

National Board, State, Province and No.

FORM NIS - 1

OWNER: Pennsylvania Power & Light Co. (PP&L)
 2 North Ninth Street
 Allentown, PA 18101

PLANT: Susquehanna Steam Electric Station (SSES) Unit #2
 P.O. Box 467, Berwick, PA 18603

Preservice examinations were performed on the Susquehanna Steam Electric Station, Unit #2 Reactor Pressure Vessel and Associated Class 1, 2 and 3 piping and components from 1983 to 1984. These examinations comply with the applicable requirements set forth in 10CFR50 and Section XI of the ASME Boiler and Pressure Vessel Code. The applicable editions and addenda, as utilized by PP&L are as outlined below:

Reactor Pressure Vessel

ASME Section XI 1974 Edition to the Winter 1975 Addenda.

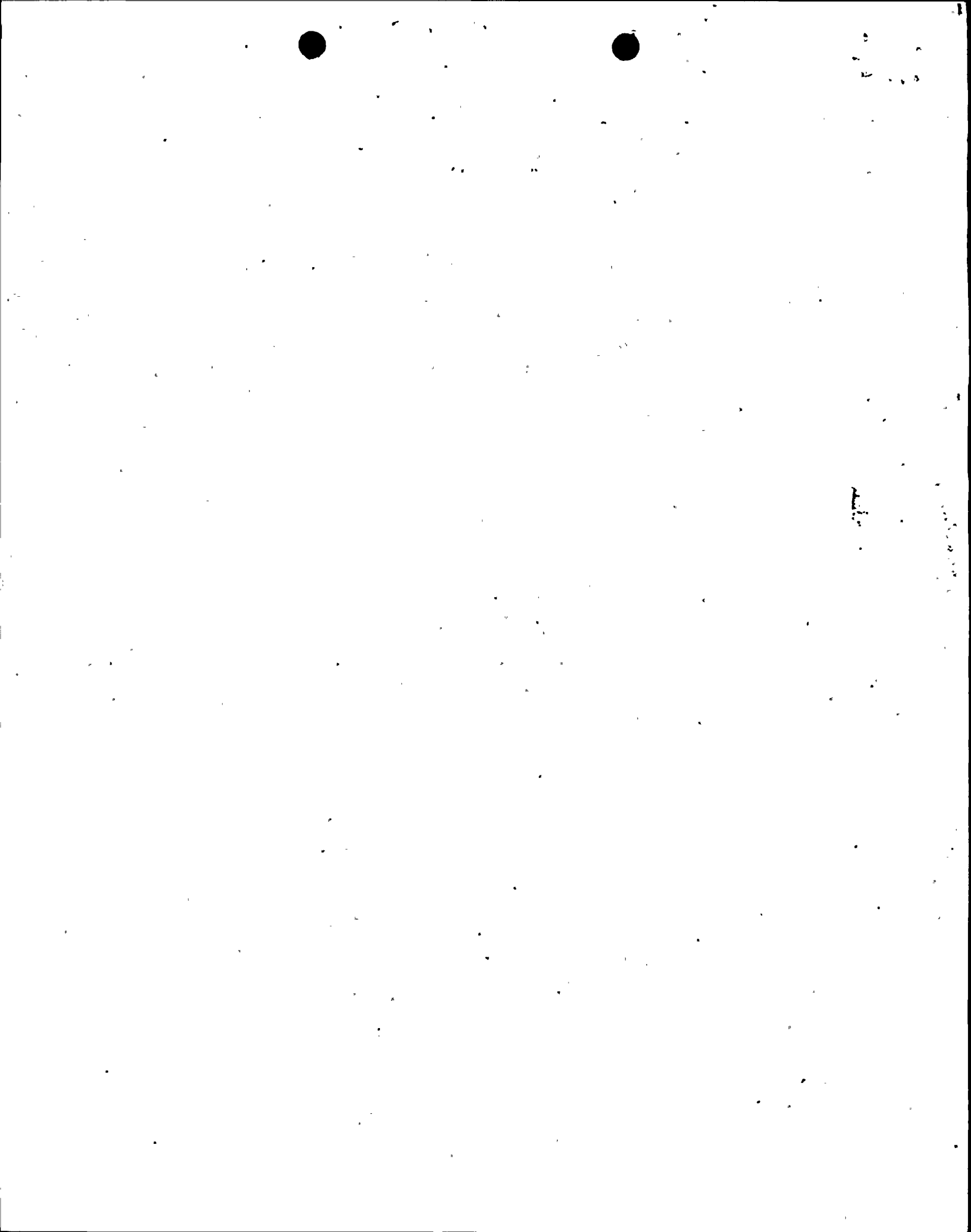
Piping and Components

ASME Section XI 1974 Edition to the Summer 1975 Addenda, including Appendix III from the Winter 1975 Addenda, as modified to include ASME Section XI 1977 Edition to the Summer 1978 Addenda to determine the extent and method of examination for Code Categories BG-1, BG-2, BK-1, CC, CD and CE-1.

COMPONENTS INSPECTED

The required preservice examinations have been performed on components (including supports) within the following systems:

<u>SYSTEM</u>	<u>INSTALLER*</u>	<u>N5 SYSTEM NUMBER</u>
Containment Atmosphere Control	Bechtel Power Corporation	2-73A
Control Rod Drive	Bechtel Power Corporation	2-55B
Core Spray	Bechtel Power Corporation	2-51A
Diesel Generators	Bechtel Power Corporation	0-24A
Emergency Service Water	Bechtel Power Corporation	0-54A
Feedwater	Bechtel Power Corporation	2-45A
Fuel Pool Cooling and Clean Up	Bechtel Power Corporation	2-35B
High Pressure Core Injection	Bechtel Power Corporation	2-52B,C



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COMPONENTS INSPECTED (Continued)

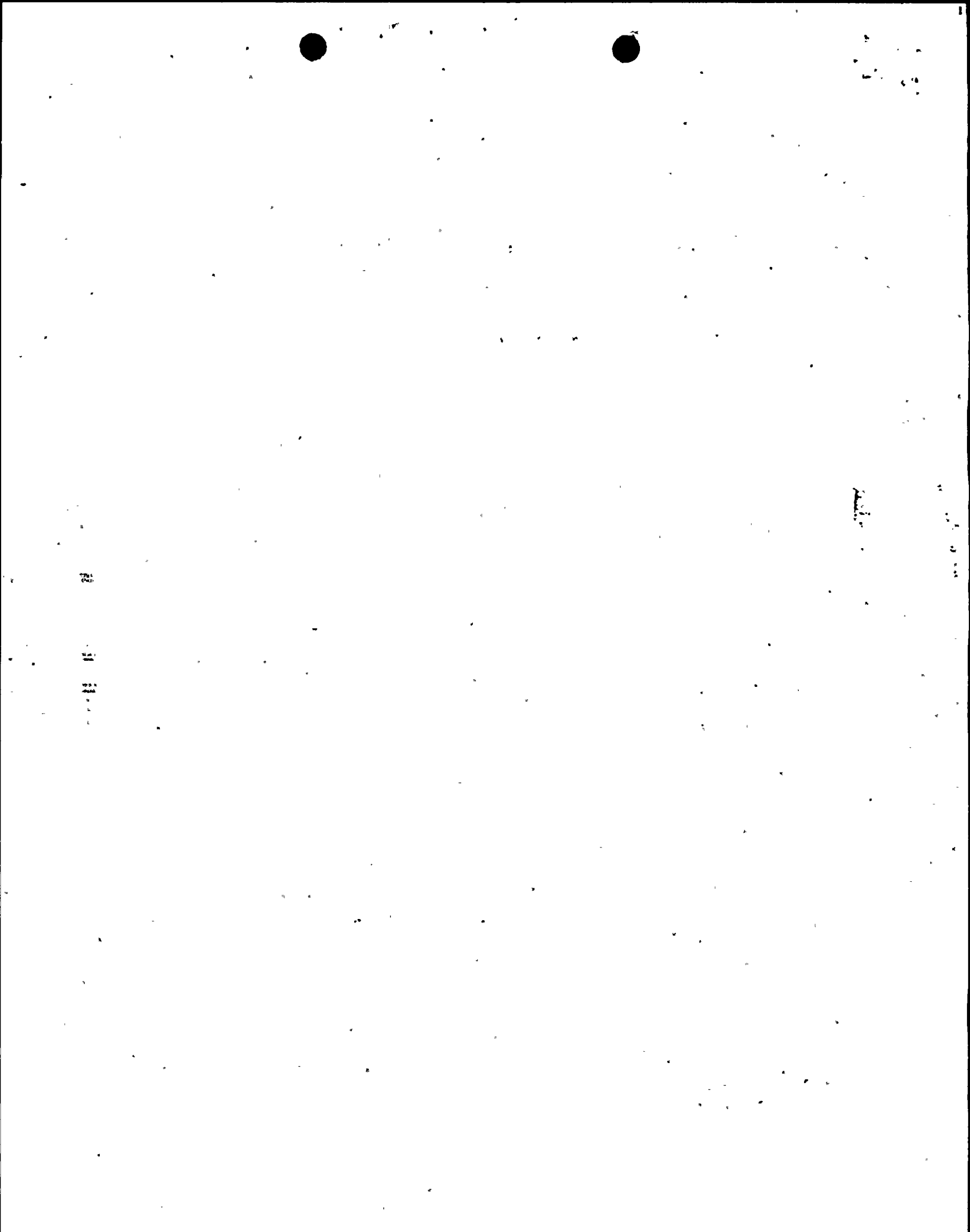
<u>SYSTEM</u>	<u>INSTALLER*</u>	<u>N5 SYSTEM NUMBER</u>
Main Steam	Bechtel Power Corporation	2-83A,B,D,
MSIV Leakage Control	Bechtel Power Corporation	2-83H
Nuclear Boiler	Bechtel Power Corporation	2-62A
Reactor Building Closed Cooling Water	Bechtel Power Corporation	2-14A
Reactor Core Isolation Cooling	Bechtel Power Corporation	2-50B,C
Reactor Pressure Vessel	Bechtel Power Corporation	2-62A
Reactor Recirculation	Bechtel Power Corporation	2-64A,B
Reactor Water Clean-Up	Bechtel Power Corporation	2-61B
Residual Heat Removal	Bechtel Power Corporation	2-49A,B,D,E,F,G
RHR Service Water	Bechtel Power Corporation	2-16A
Standby Liquid Control	Bechtel Power Corporation	2-53A

*Bechtel Power Corporation Certificate of Authorization N881-2

ABSTRACT OF EXAMINATIONS

Portions of the following listed documents form a part of this report, and are found as Appendix I and II, respectively;

- I. Pre-service Examination Final Report of Reactor Pressure Vessel, National Board Number 3687, Susquehanna Steam Electric Station, Unit 2, Pennsylvania Power and Light Company, Contract Number 8856-M-166, prepared by General Electric Company, A&ESO (formally I&SE)
- II. Susquehanna Steam Electric Station, Unit No. 1, Preservice Inspection Final Report, prepared by Nuclear Energy Services, Document #80A4758, Revision 6.



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These documents contain a complete listing of all the affected systems and individual components inspected. Details of examinations performed and results are also provided.

RELIEF REQUESTS

Pursuant to 10CFR Part 50, Section 50.55a(a)(2), the Nuclear Regulatory Commission has granted, at PP&L's request, relief from Code Requirements that have been determined to be impractical [such that implementation would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety].

Supporting documentation relative to the SSES Unit #2 relief requests is found in Appendix III.

REPAIRS, REPLACEMENTS, AND MODIFICATIONS

Attached as Appendix IV to this document are the Owner's "Report of Repairs and/or Modifications" (used prior to the availability of the NIS-2 Form) and Form NIS-2 Owner's Report for Repairs or Replacements for ASME Code Section XI Repairs and Replacements on Unit #2.

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