

March 30, 1972

Mr. L. Manning Muntzing
Director of Regulation
U.S. Atomic Energy Commission
Washington, D. C.

Subject: Docket No. 50-247
Indian Point No. 2 Nuclear Power Plant
Consolidated Edison Company of New York

Dear Mr. Muntzing:

Under date of March 14, 1972 we forwarded to you our letter requesting the present "as built" engineering drawings of the design, manufacturing, assembly and installation of several Class I components of the subject nuclear plant.

As our letter contains preparatory information, we request that our letter not be made public, and as such not be displayed in the public document room. We trust that this request can be complied with.

Very truly yours,

PENNSYLVANIA ENGINEERING CORPORATION


H. K. Brill, President
PECor Division

HKB:s

cc: Mr. James P. O'Reilly
Director of Compliance
Region 1 -- 970 Broad Street
Newark, New Jersey 07102

EXHIBIT B

811120116 720919
PDR ADOCK 05000247
Q PDR

March 11, 1970

Mr. Louis Roddis, President
Consolidated Edison Company
4 Irving Place
New York, N. Y.

Re: Docket No. 50-247 Indian Point No. 2,
Nuclear Power Plant

Dear Mr. Roddis:

You may recall the interesting meeting we attended several years ago in Johnstown, Pennsylvania, with the Pennsylvania Development Authority wherein the subject of complete and accurate technical data was discussed for several hours.

As a consultant to the Pennsylvania Engineering Corporation, New Castle, Pennsylvania, this letter is forwarded to you to informally discuss a most serious matter concerning the subject power plant.

Briefly, the Westinghouse Electric Corporation and its architectural engineer, United Engineers and Constructors, Inc., released Purchase Order WIP-116 to Pittsburgh Bridge and Iron Works, Pittsburgh, Pennsylvania, in 1967. In turn, a subcontract was issued finally to Pennsylvania Engineering Corporation for the steam generator, reactor coolant pump, pressurizer supports, and reactor vessel ring support. The Westinghouse Electric Corporation engineering drawings furnished the Pennsylvania Engineering Company were incomplete and inaccurate and the end results were serious and costly delays in the fabrication of these Class 1 nuclear power plant items.

It is necessary under the regulations of the Atomic Energy Commission in relationship to the Preliminary Safety Analysis Report and the Final Safety Analysis Report to have available to the Consolidated Edison Company a complete and validated file of engineering drawings. It is now necessary for the Pennsylvania Engineering Company to obtain "as built" drawings of the subject items and to submit a lengthy list of deviations that occurred during

Mr. Louis Roddis

March 11, 1970

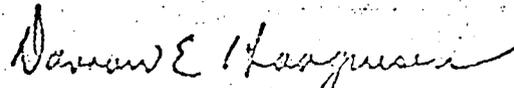
the fabrication of the subject items. The fact is the incomplete and inaccurate Westinghouse Electric Corporation drawings directly caused serious delay in fabrication of the various structures.

For the past several weeks, a series of informal telephone calls have been completed with your staff including the Chief Mechanical Engineer, Mr. Grobb. These calls have been to request the Consolidated Edison Company to obtain the "as built" drawings for the Pennsylvania Engineering Corporation for the purpose as stated.

Recourse to the Westinghouse Electric Corporation has been to little avail other than to have Westinghouse indicate this serious matter was a detail to be resolved with Pittsburgh Bridge and Iron Works, Inc.

It is suggested an early informal conference be arranged with your staff to outline the facts and serious consequences pursuant to this matter.

Sincerely yours,



Darrow E. Haagen

4729 Newlons Drive West
Murrysville, Pa., 15668

cc: Mr. H. K. Brill, President
Pennsylvania Engineering Corporation
New Castle, Pennsylvania

DEH:if

Alexander C. Husband
Vice President

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-4595

4/7
L. C. Husband

April 6, 1970

Mr Darrow E Haagensen
4729 Newlons Drive West
Murrysville Pa 15668

Dear Mr Haagensen

Mr Roddis has asked me to reply to your letter of March 11, 1970.

Con Edison does not deem it appropriate to inject itself into the contractual arrangements between various subcontractors who are engaged in work within the scope of our contract with the Westinghouse Electric Corporation.

We are not able to furnish drawings and detailed information on the basis you suggest. We have, however, forwarded a copy of your letter to Westinghouse.

Very truly yours

Alex C Husband

Alex C Husband

dr

cc - Mr John Stiefel

bcc - Messrs Louis H Roddis, Jr
Thomas C Duncan
Harry G Woodbury
William W Lapsley
William J Cahill, Jr
John J Grob, Jr
Frank McElwain

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-4396

Feb 17 1970

April 6, 1970

IP2-75

Mr John Stiefel, President
WEDCO Corporation
P O Box 355, Penn Center
Pittsburgh, Pennsylvania 15230

Dear Mr Stiefel

Your attention is directed to the enclosed letter to Mr. Roddis from Mr Darlow E Haagensen. Con Edison does not think it prudent to become involved in contractual disagreements between the Westinghouse Electric Corporation and it's subcontractors. However, we are concerned in that the letter makes specific references to apparent shortcomings in the engineering design of a portion of Unit 2-Indian Point. We would appreciate your early attention to clarifying the background concerning this dispute and actions that will be taken by Westinghouse to remedy it.

Very truly yours

Alexander C Husband

Alexander C Husband

enc

cc - Messrs Louis H Roddis, Jr
Thomas C Duncan
Harry G Woodbury
William W Lapsley
William J Cahill, Jr
John J Grob, Jr
Frank McElwee
John G Sweetman

Liaison Office:
P.O. Box 355
Pittsburgh, Pennsylvania
15230

WEDCO
Corporation

April 28, 1970

Mr. Alexander C. Husband
Vice President
Consolidated Edison Company of New York, Inc.
4 Irving Place
New York, New York 10003

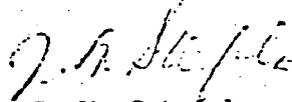
Dear Mr. Husband:

Thank you for forwarding Mr. Haagensen's letter. We have been aware of this situation since the summer of 1969, and have investigated it thoroughly.

Mr. Haagensen is acting as consultant for the Pennsylvania Engineering Corporation. They have a claim for \$78,135 against Pittsburgh Bridge and Iron for work done under sub-contract from PB&I. PB&I was a subcontractor to United Engineers & Constructors for Indian Point Unit #2. The merits of this claim have also been reviewed by the presidents of PB&I and UE&C.

In our considered judgment, this is a matter for negotiation between Pennsylvania Engineering and Pittsburgh Bridge & Iron. We have satisfied ourselves that this problem has no relationship to the regulations of the AEC or the PSAR or FSAR, nor to the safety of the plant. The material furnished by PECOR has been shipped, and is in place at Indian Point. We have taken all appropriate actions at this time.

Sincerely yours,



J. T. Stiefel
President

k

cc: H. K. Brill - PECOR

memorandum

File Unit 2

1 May 1970

TO: Mr. Louis H. Roddis, Jr
President

FROM: Alex C Husband
Vice President

SUBJECT: Mr Haagensen's Letter (Penn Eng Corp)
March 11, 1970 to Mr Roddis.

The attached exchange of correspondence
would seem to dispose of the matter, at least
for the present.

A. Husband

att
dr

cc - Messrs Thomas C Duncan
Harry G Woodbury
William W Lapsley
William J Cahill, Jr ✓
John J Grob, Jr
Frank McElwee
John C Sweetman

EXHIBIT G

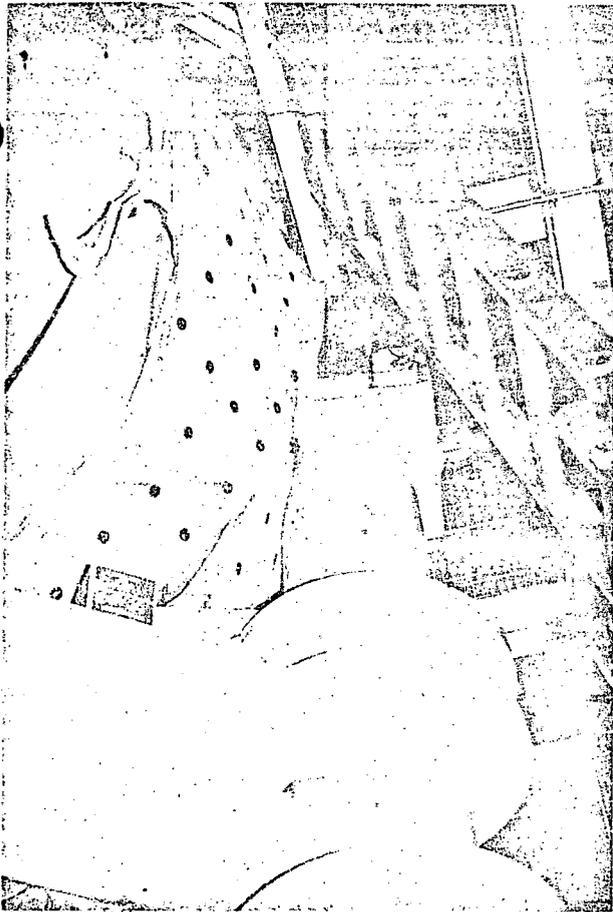


Exhibit H Reactor Coolant Pump
Support

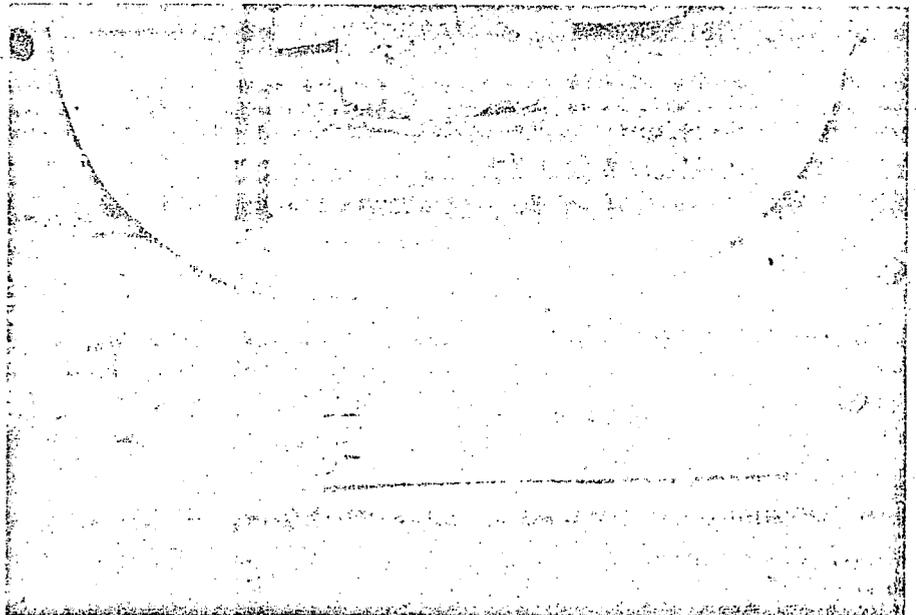


Exhibit I Reactor Coolant Pump
Support

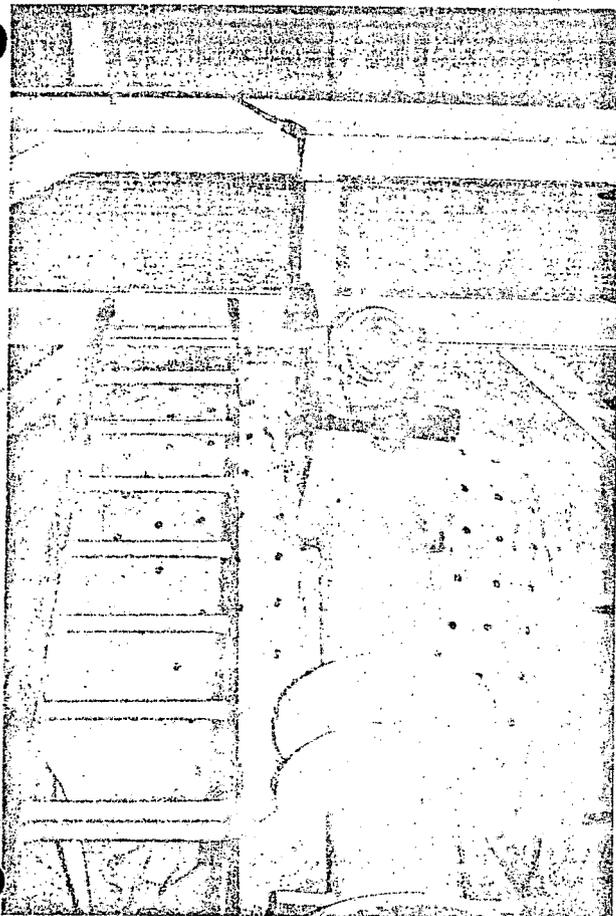


Exhibit J Reactor Coolant Pump Support

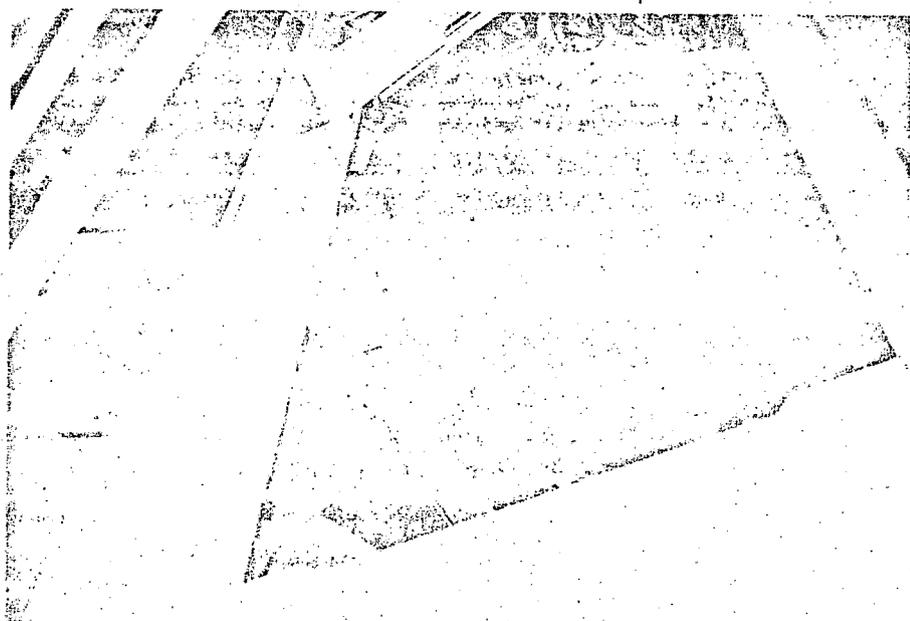


Exhibit K Pressurizer Support Ring

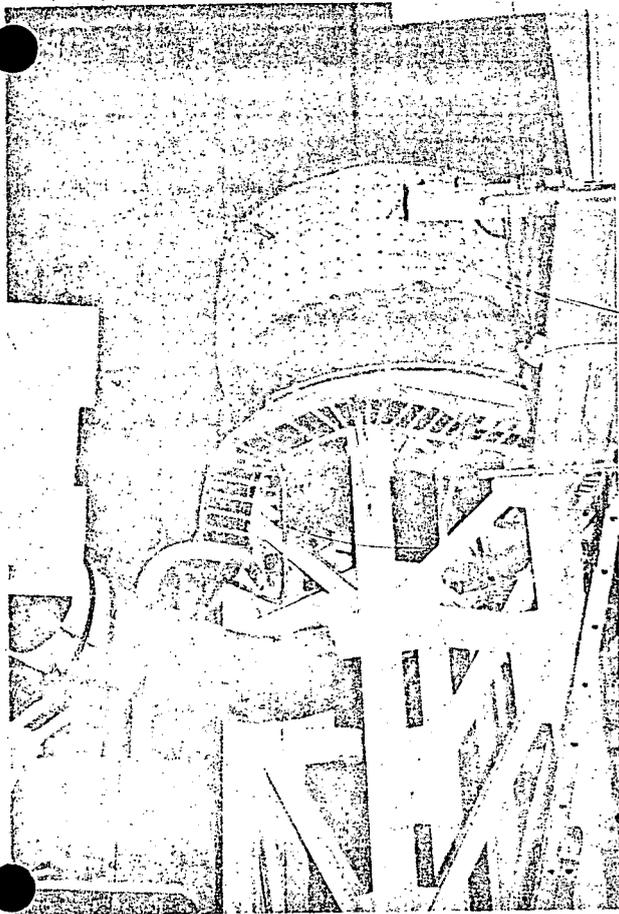


Exhibit L Pressurizer Support
Ring

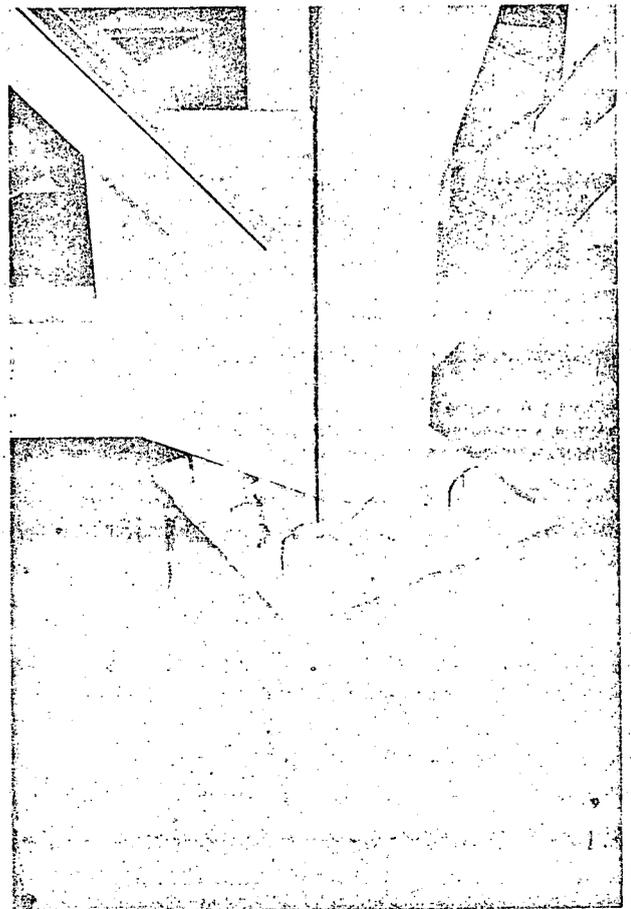


Exhibit M Pressurizer Support
Base

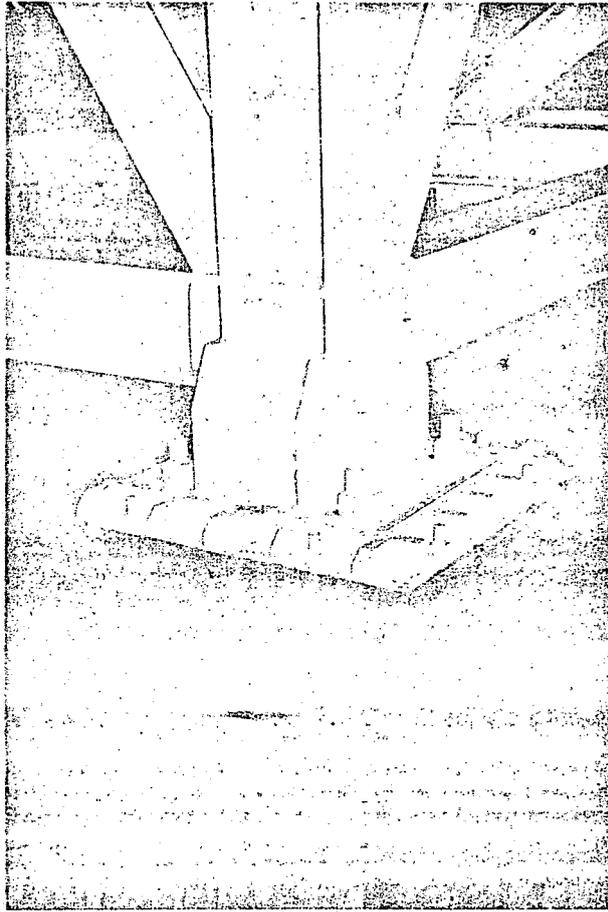


Exhibit N Steam Generator
Support Base

50-247
INVESTIGATION
ATT. 72-01



431-93-033
Box 12

Exhibit H Reactor Coolant Pump Support

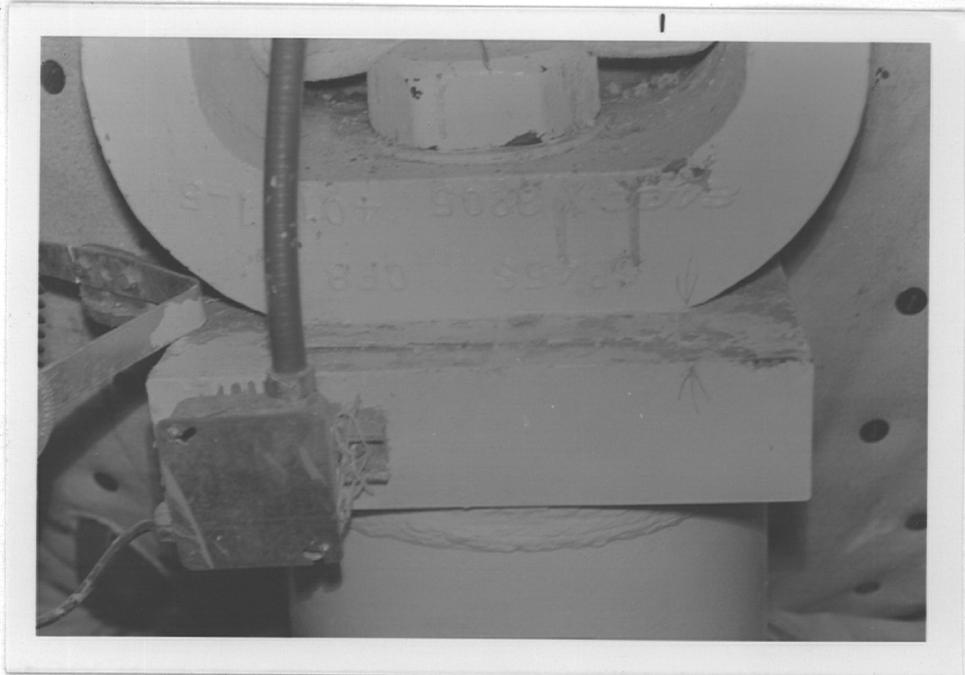


Exhibit I Reactor Coolant Pump Support



Exhibit J Reactor Coolant Pump
Support



Exhibit K Pressurizer
Support Ring

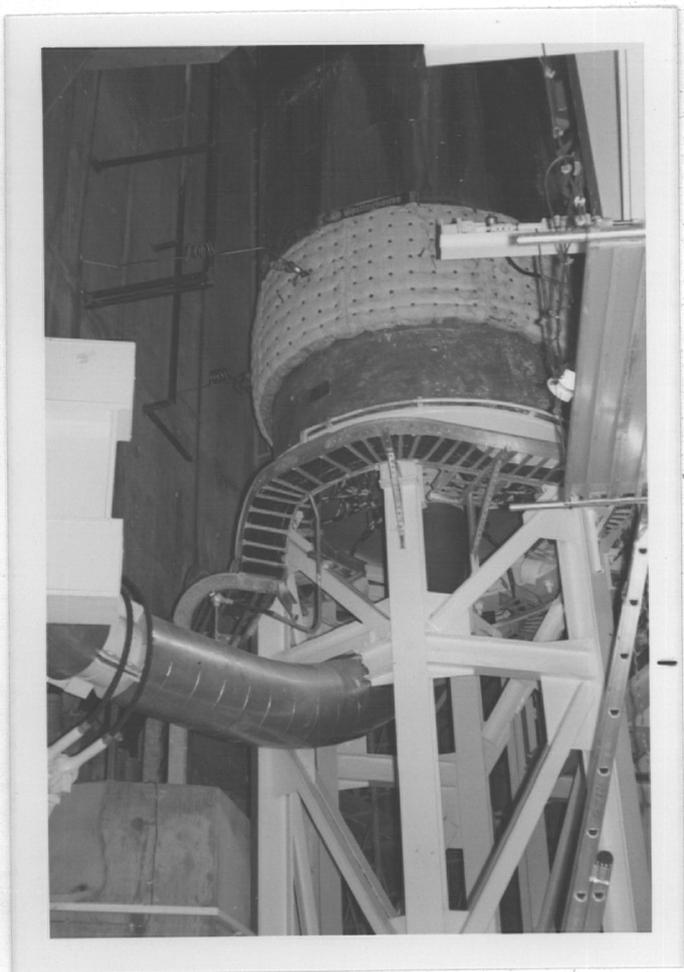


Exhibit L Pressurizer Support
Ring



Exhibit M Pressurizer Support
Base



Exhibit N Steam Generator
Support Base