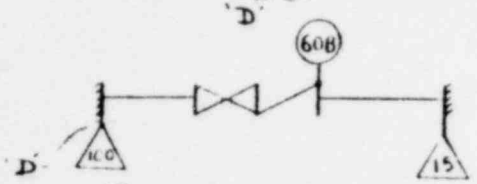
SCHEMATIC OF MODES TO BE ANALYZED — TOTAL NO. OF MODES REQUIRED: 1

| MODE NO. | MODE DESCRIPTION | MODE NO. | MODE DESCRIPTION |
|---|---|---|---|
| 1 | REACTOR @ FULL POWER<br>LPCI ON STANDBY | | |

| FROM | TO | TEMP |
|---|---|---|
| 15 | 60B | 185°F |
| 60B | 100 | 550°F |




NOTE: TRANSIENT ANALYSIS REQUIRED
IN ACCORDANCE WITH DS-RH-01-LS
USE "CORE SPRAY" TRANSIENT.
VALVE OPENING TIME: 20 SECONDS

**SAFETY-RELATED**
(FOR SAFETY CLASSIFICATION SEE PIPING LINE LIST)

MODE NO. 1

| REV | NODE POINT | TEMP | TERMINAL MOVEMENTS ΔX | ΔY | ΔZ | CALC BY VDR | S&L |
|---|---|---|---|---|---|---|---|
| B | 100 | | 0.462 | 1.390 | 0.462 | | |
| B | 15 | | 0.00 | 0.00 | 0.00 | | |

| EQUIPMENT NUMBER | EQUIPMENT TITLE | VENDOR | DRAWING NO. | REV | REMARKS |
|---|---|---|---|---|---|
| 1513-1003 W-6 | REACTOR VESSEL | (PER GE JONES MEMO TO B. J. RUDELMAN 11-3-76) | | | |
| M-13 | STRUCT ANKR | S&L | | | |

MODE NO.

| REV | NODE POINT | TEMP | TERMINAL MOVEMENTS ΔX | ΔY | ΔZ | CALC BY VDR | S&L |
|---|---|---|---|---|---|---|---|

**RELEASE RECORD**

| REV | DATE | PREPARED | CHECKED | ENG. APPL. | REV DESCRIPTION | FILM |
|---|---|---|---|---|---|---|
| A | 2-3-11 | [illegible] | [illegible] | [illegible] | FOR FORMAL ANALYSIS | |
| B | 4-1-78 | [illegible] | [illegible] | | RESTRAINT REVISION | |
| C | 2-5-79 | [illegible] | [illegible] | | ANAL. DWG UPDATED PER | |
| C | 3-5-79 | — | — | — | OUTPUT DATED 11-01-78 | |
| C | 3-5-79 | — | — | — | ASKEW AS PER DESIGNED | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |

**PIPING ANALYTICAL & PHYSICAL DATA**

FOR RESIDUAL HEAT REMOVAL SYSTEM
PROJECT LA SALLE COUNTY 1
CLIENT COMMONWEALTH EDISON COMPANY
PROJECT NO. 2600

SARGENT LUNDY ENGINEERS CHICAGO

SUB SYSTEM NO. M-1011-4 REV
SHEET 4 OF 4

8005130576 A