

The Light company

Houston Lighting & Power P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

October 12, 1985
ST-HL-AE-1403
File No.: G9.17

Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

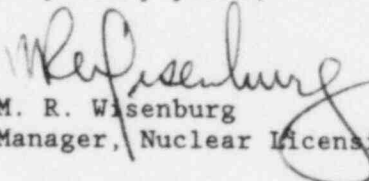
South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Response to NRC Draft Safety
Evaluation Report Open Item 11.4-2
and FSAR Open Item 11.4-31

Dear Mr. Knighton:

The NRC Draft Safety Evaluation Report (DSER), Section 11.4, Open Item (O/I) 11.4-2, requested that Houston Lighting & Power Company (HL&P) provide a process and instrumentation diagram for the solid waste processing system. In response to that request, attached are revised FSAR figures 11.4-1 and 2. This is also the same as FSAR O/I 11.4-31. These figures will be incorporated into the FSAR as part of Amendment 52.

If you should have any questions on this matter, please contact Mr. M. E. Powell at (713) 993-1328.

Very truly yours,


M. R. Wisenburg
Manager, Nuclear Licensing

MEP/yd

Attachment: Revised FSAR Figures 11.4-1 & 2

8510220204 851012
PDR ADOCK 05000498
E PDR

L1/NRC/K

Boo!
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cc:

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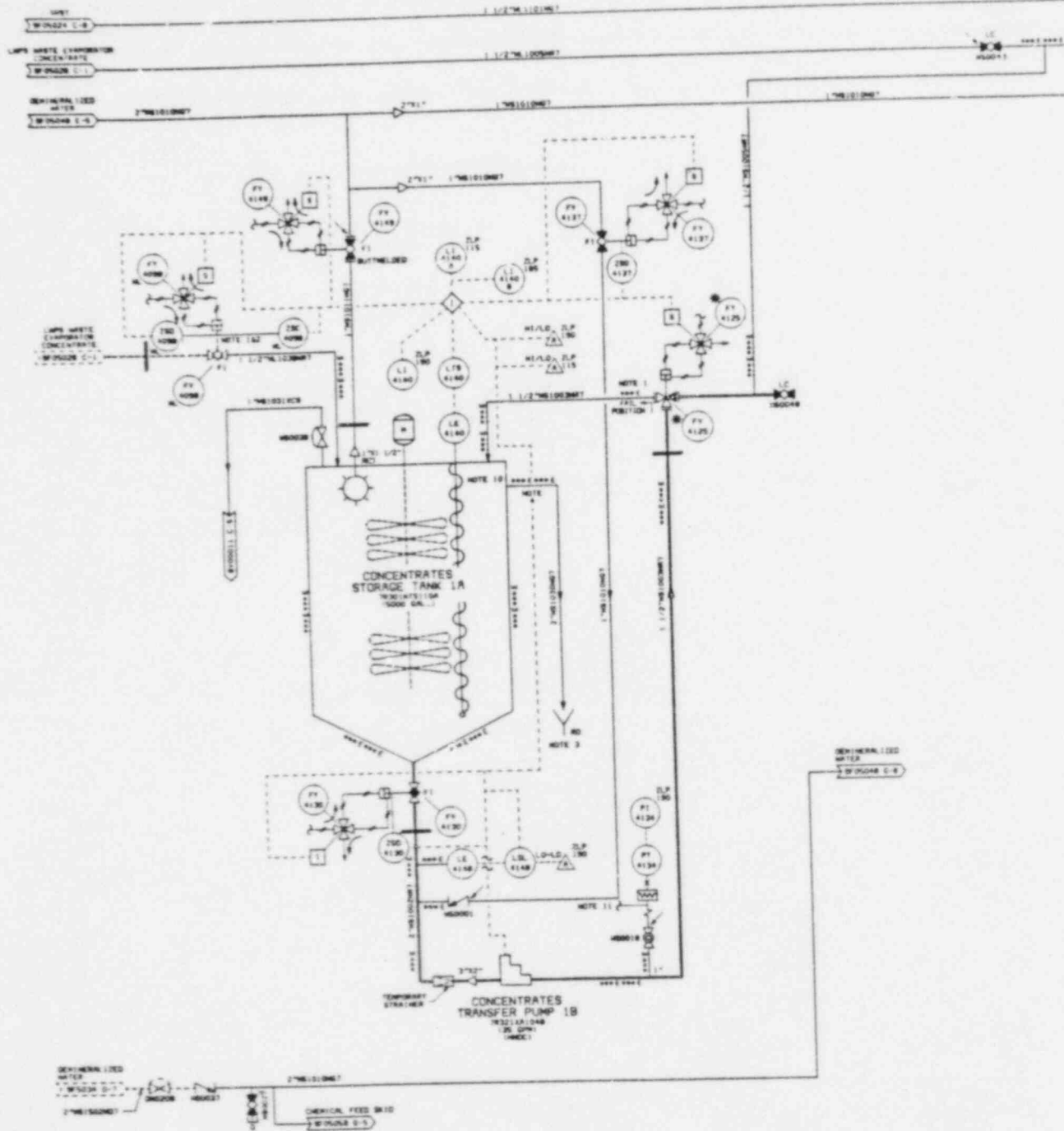
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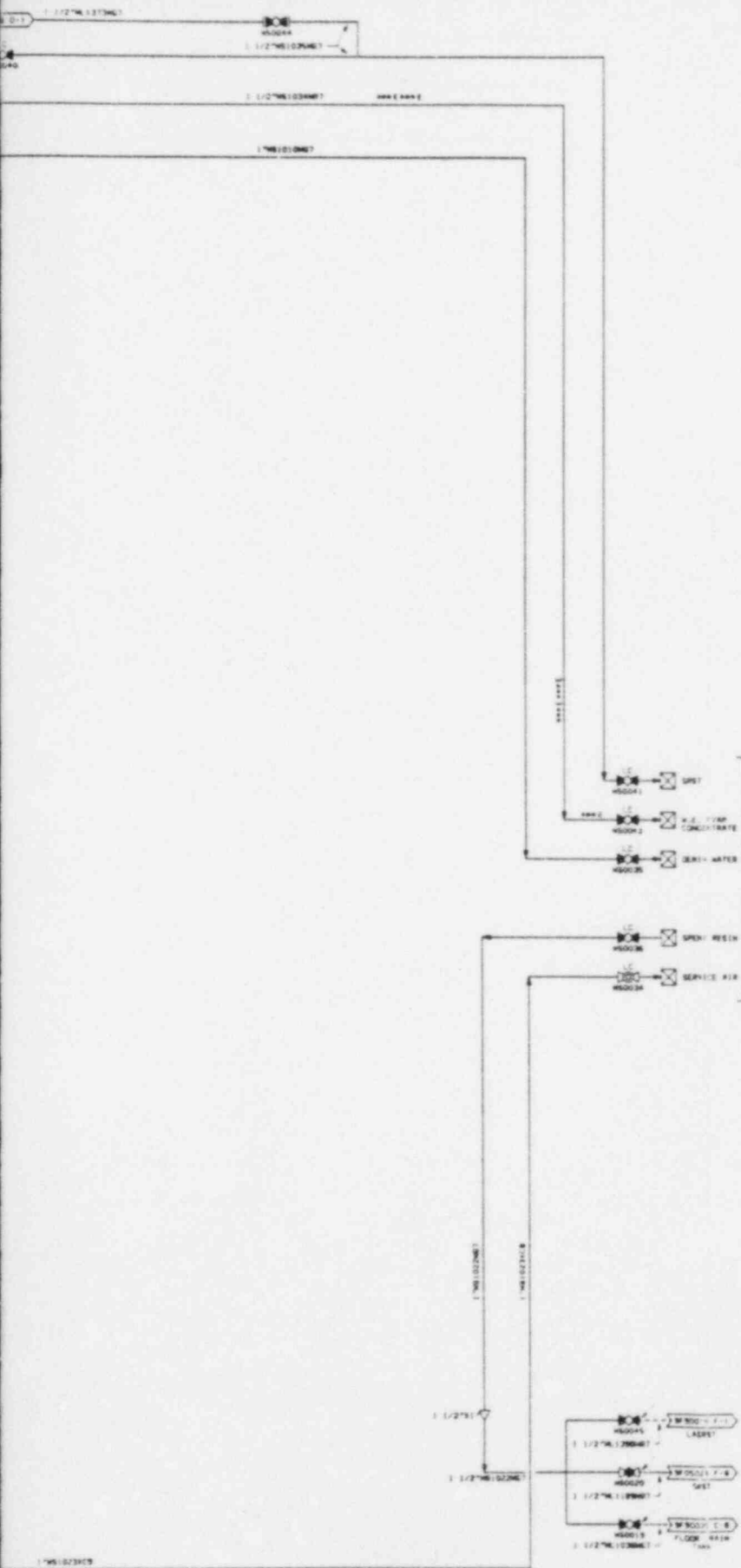
Revised 9/25/85



SERVICE AIR
 WASTE 1-1
 SERVICE AIR
 WASTE 1-1

TI
 APERTURE
 CARD

Also Available On
 Aperture Card



- NOTES:
1. LOCATE ABOVE THIS LEVEL.
 2. SYMBOLS & INSTRUMENTS BE LOCATED IN PARALLEL WITH FLOWLINE. SEE WISCONSIN EVAPORATOR CONTROL PANEL.
 3. OVERFLOW LINES SHOULD BE PIPED DIRECTLY TO A COVERED DRAIN.
 4. OVERFLOW LINES SHOULD BE HEAT TRACED UP TO HEAD B.C. 301-0 FROM HEAD B.C. 301-0.
 5. ALL INSTRUMENTS TO BE NUMBERED ACCORDING TO THIS CONVENTION. SEE PREVIOUS DRAWING FOR UNIT NUMBERING UNLESS OTHERWISE NOTED. SEE GENERAL NOTE C ON SHEET 050000 AND 050000000.
 6. THE FOLLOWING CONTROL VALVES ARE PROVIDED BY INDC. (V-12).
 7. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR AS EXCEPT AS NOTED.
 8. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP AS.
 9. ALL HEAT TRACING SHALL BE BY BRIDGEMAN.
 10. P&ID HAVE A TYPICAL LEVEL DETECTOR.
 11. DEHYDRALIZED WATER PURGE.
 12. IF ANY SPEC. INVOLVED NOT SHOWN IN FIELD ON THIS UNIT THIS UNIT'S INSTRUMENTS SHOULD BE INSTALLED.
- GEN. APPLICABILITY NOTES:
1. THIS Dwg. IS APPLICABLE TO UNITS 1 & 2 EXCEPT AS IDENTIFIED.
 2. THE SOLID WASTE PROCESSING SYSTEM (SWPS) OF UNIT 1 IS IDENTICAL TO THE SWPS OF UNIT 2. THE COMPONENTS OF THE SWPS OF UNIT 2 ARE IDENTICAL TO THE COMPONENTS SHOWN ON THIS CONVENTION. ALL THE TAG NUMBERS WILL BE FOR UNIT 2.
 3. THIS Dwg. SUPERSEDES THE SWPS (15048) AND SWPS (15048) THIS Dwg. IS SHEET 1 OF 2 OF THE SWPS P&ID. SEE REFERENCE 2 FOR OTHER SWPS P&ID.
- REFERENCES:
1. P&ID PIPING & INSTRUMENT SYMBOLS SEE 050000 & 0500000.
 2. SWPS P&ID SHEET 15048.
 3. SWPS-0-002 SWPS P&ID.

**SOUTH TEXAS PROJECT
 UNITS 1 & 2**

**P&ID SOLID WASTE
 PROCESSING SYSTEM**

Dwg. No. 6R32-9-F-05048 Rev. 3

Figure 11.4-1

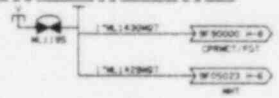
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DETERMINED
 UNIT
 2-W-0024 D-1

3/4" NPT CONNECTION



CHEMICAL FEED SKID
 (INCLUDING TANK, PIPING, CONTROLS & PUMP)



- REFERENCES:
1. FOR PIPING & INSTRUMENT SYMBOLS SEE 0F-100001 & 0F-100002.
 2. SWS PAID 6R32W06048.

- DRAWING APPLICABILITY NOTES:
1. THIS DRAWING IS APPLICABLE TO UNITS 1 & 2 EXCEPT AS IDENTIFIED.
 2. THE SOLID WASTE PROCESSING SYSTEM (SWPS) OF UNIT 1 IS IDENTICAL TO THE SWPS OF UNIT 2. THE COMPONENTS OF THE SWPS OF UNIT 2 ARE IDENTICAL TO THE COMPONENTS SHOWN ON THIS DRAWING, BUT THE TAG NUMBERS WILL BE FOR UNIT 2.
 3. THIS DRAWING SUPERSEDES SWP DRAWINGS 6R32W05059 AND 6R32W05059.
 4. THIS DRAWING IS SHEET 1 OF 2 OF THE SWS PAID SET. SEE REFERENCE 2 FOR OTHER SWS PAID.

**SOUTH TEXAS PROJECT
 UNITS 1 & 2**

**P&ID SOLID WASTE
 PROCESSING SYSTEM**

Dwg. No. 6R32-9-F-05059 Rev. 2
 Figure 11.4-2