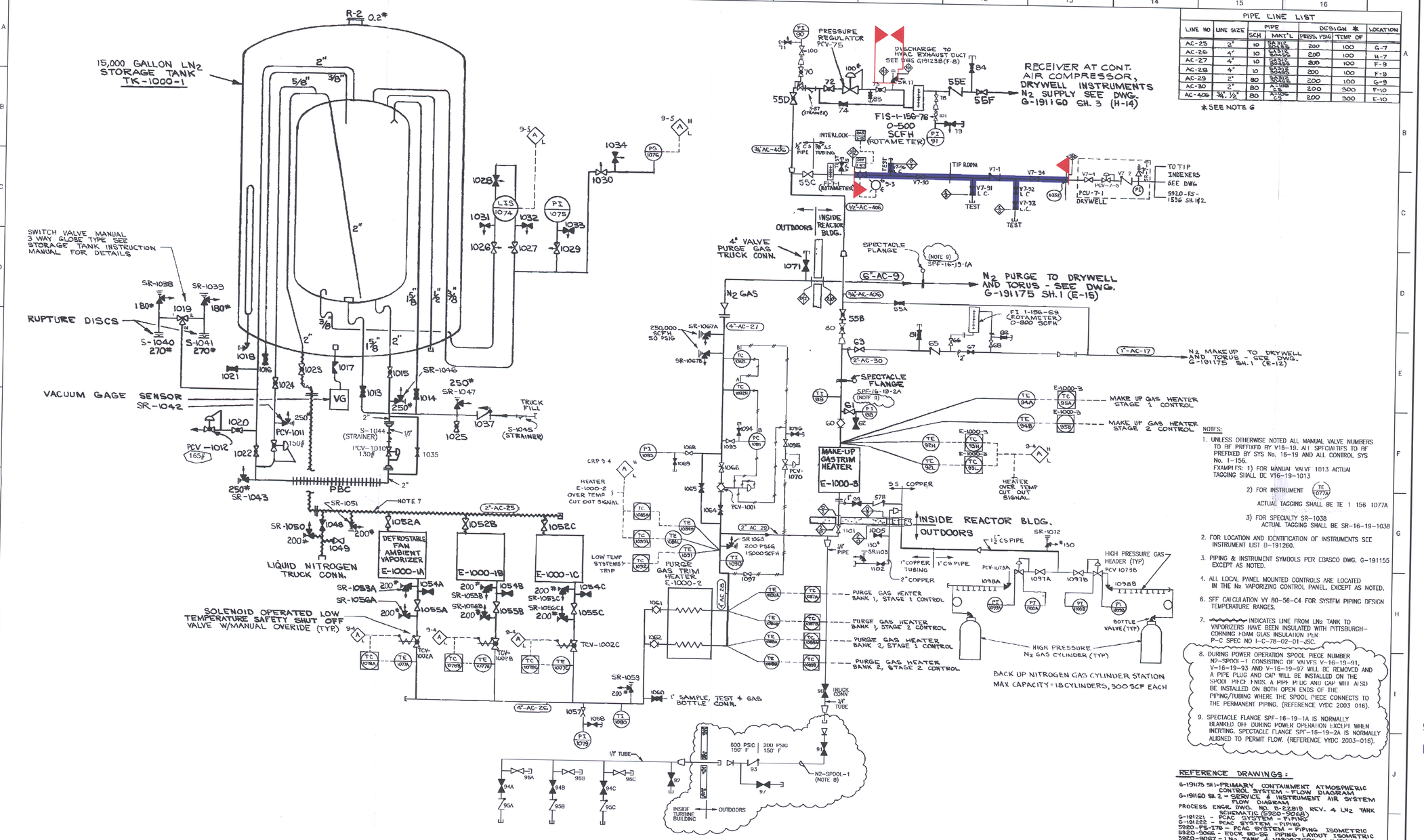

PIPE LINE LIST						
LINE NO	LINE SIZE	PIPE SCH	PIPE MAT'L	DESIGN * PRESS. PSIG	DESIGN * TEMP °F	LOCATION
AC-25	2"	10	SA312 304SS	200	100	G-7
AC-26	4"	10	SA312 304SS	200	100	H-7
AC-27	4"	10	SA312 304SS	200	100	F-9
AC-28	4"	10	SA312 304SS	200	100	F-9
AC-29	2"	80	SA312 304SS	200	100	G-9
AC-30	2"	80	A-106B CS	200	300	F-10
AC-406	¾", ½"	80	A-106B CS	200	300	E-10

*SEE NOTE 6

NOTES:

1. UNLESS OTHERWISE NOTED ALL MANUAL VALVE NUMBERS TO BE PREFIXED BY V16-19. ALL SPECIALTIES TO BE PREFIXED BY SYS No. 16-19 AND ALL CONTROL SYS No. 1-156.
   EXAMPLES: 1) FOR MANUAL VALVE 1013 ACTUAL TAGGING SHALL BE V16-19-1013
   2) FOR INSTRUMENT (TE 1077A) ACTUAL TAGGING SHALL BE TE 1 156 1077A
   3) FOR SPECIALTY SR-1038 ACTUAL TAGGING SHALL BE SR-16-19-1038
2. FOR LOCATION AND IDENTIFICATION OF INSTRUMENTS SEE INSTRUMENT LIST B-191260.
3. PIPING & INSTRUMENT SYMBOLS PER EBASCO DWG. G-191155 EXCEPT AS NOTED.
4. ALL LOCAL PANEL MOUNTED CONTROLS ARE LOCATED IN THE N2 VAPORIZING CONTROL PANEL, EXCEPT AS NOTED.
6. SEE CALCULATION VY 80-56-C4 FOR SYSTEM PIPING DESIGN TEMPERATURE RANGES.
7. INDICATES LINE FROM LN2 TANK TO VAPORIZERS HAVE BEEN INSULATED WITH PITTSBURGH-CORNING FOAM GLAS INSULATION PER P-C SPEC NO 1-C-78-02-01-JSC.
8. DURING POWER OPERATION SPOOL PIECE NUMBER N2-SPOOL-1 CONSISTING OF VALVES V-16-19-91, V-16-19-93 AND V-16-19-97 WILL BE REMOVED AND A PIPE PLUG AND CAP WILL BE INSTALLED ON THE SPOOL PIECE ENDS. A PIPE PLUG AND CAP WILL ALSO BE INSTALLED ON BOTH OPEN ENDS OF THE PIPING/TUBING WHERE THE SPOOL PIECE CONNECTS TO THE PERMANENT PIPING. (REFERENCE VYDC 2003-016).
9. SPECTACLE FLANGE SPF-16-19-1A IS NORMALLY BLANKED OFF DURING POWER OPERATION EXCEPT WHEN INERTING. SPECTACLE FLANGE SPF-16-19-2A IS NORMALLY ALIGNED TO PERMIT FLOW. (REFERENCE VYDC 2003-016).

REFERENCE DRAWINGS:

G-191175 SH 1-PRIMARY CONTAINMENT ATMOSPHERIC CONTROL SYSTEM - FLOW DIAGRAM
G-191160 SH. 2 - SERVICE & INSTRUMENT AIR SYSTEM FLOW DIAGRAM
PROCESS ENGR. DWG. NO. B-22819 REV. 4 LN2 TANK SCHEMATIC (5920-9068)
G-191221 - PCAC SYSTEM - PIPING
G-191222 - PCAC SYSTEM - PIPING
5920-FS-178 - PCAC SYSTEM - PIPING ISOMETRIC
5920-9066 - EDCR 90-56 PIPING LAYOUT ISOMETRIC
5920-9067 - LN2 TANK & VAPORIZERS LAYOUT
G-191155 - PIPING & INSTRUMENT SYMBOLS

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

PRIMARY CONTAINMENT PENETRATIONS AMRM-20

REV	DESCRIPTION	BY	CHKD.	APPD.
20	REVISED PER VYDC 2003-016, JO 2004-009	WD 5 6 05	ML 5 10 05	PAR 5 24 05
19	REVISED PER SCR 2001C 092	JK 10-01-02	ADP 10-01-02	GSB 10-01-02

Entergy Nuclear Northeast

ENTERGY NUCLEAR VERMONT YANKEE
VERNON, VERMONT

DRAWING TITLE: NITROGEN SUPPLY SYSTEM FLOW DIAGRAM

DRAWING NO. G 191175 SH.2

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	8-15-05					

REVISIONS

LRA-G-191175-SH-02-0

CAD FILE LRA-G-191175-SH-02_20.DGN
RASTER FILE G-191175-SH-02-CALS_20.CAL

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THIS IS AN FSAR DRAWING