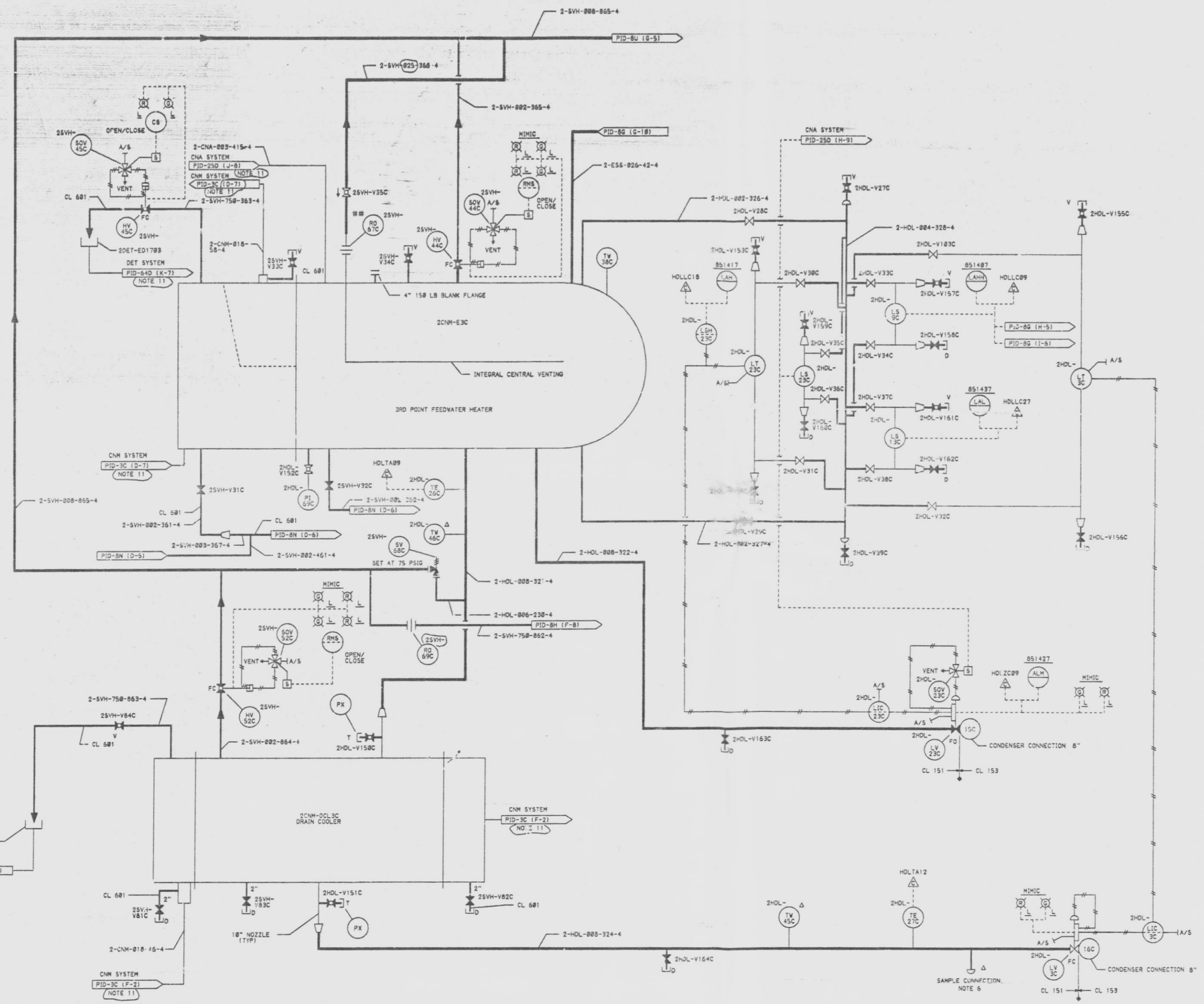


12177-PID-8K-5



L.P. FEEDWATER HEATER DRAINS SYSTEM
VALVE TABLE "2HOL"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V27C, 158C, 151C, V152C, 153C, 154C, V157C, 159C, 167C	V0806B-D-4	3/4"	9
V28C, 29C, 38C, V31C, 32C, 183C	V0806B-C-4	2"	6
V33C, 34C, 35C, V36C, 37C, 38C	V0806B-C-4	1"	6
V39C, 154C, 156C, V158C, 173C, 152C, V153C, 164C	V0806B-C-4	3/4"	8

FEEDWATER HEATER RELIEF, VENTS & DRAINS SYSTEM VALVE TABLE "25VH"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV44C, 57C	V0806B-C-4Q	2"	2
HV45C	V0806B-C-4Q	3/4"	1
V31C, 32C, 81C, V82C, 83C	V0806B-C-4	2"	5
V33C, 34C, 84C	V0806B-D-4	3/4"	3
V35C	V0806B-C-4K	2-1/2"	1

- NOTES:
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "25VH" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
 2. ALL CONNECTIONS ONLY PROVIDED FOR ASME TEST. INSTRUMENTS WILL NOT BE PROVIDED.
 3. ALL "2HOL" PIPING SHALL BE CLASS 151 UNLESS OTHERWISE SHOWN.
 4. ALL PIPING TO LEVEL SWITCHES IS 1" TO LEVEL TRANSMITTERS IS 2".
 5. ALL VENTS AND DRAINS ARE 3/4" UNLESS OTHERWISE SHOWN.
 6. SAMPLE CONNECTIONS PER SAW SKETCH 12177-A-177.
 7. ALL "25VH" PIPING SHALL BE CLASS 301 UNLESS OTHERWISE SHOWN.
 8. ALL HV'S ARE FAIL CLOSED.
 9. ALL PRESSURE CONNECTIONS ARE 3/4".
 10. 18" NOZZLE TO BE SUPPLIED BY HEATER MANUFACTURER.
 11. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.

SI APERTURE CARD

07-141-91

QA CAT II

PIPING & INSTRUMENTATION DIAGRAM
FEEDWATER HEATERS &
EXTRACTION STEAM SYSTEMS
NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION
CHERRY HILL, N.J.

12177-PID-8K-5

ISSUE	DESCRIPTION	CHKD	CORRECT	DATE	ISSUE	DESCRIPTION	CHKD	CORRECT	DATE	ISSUE	DESCRIPTION	CHKD	CORRECT	DATE	ISSUE	DESCRIPTION	CHKD	CORRECT	DATE
1	ISSUED FOR COMPUTER DATA BASE UPDATE ONLY				2	INCORPORATES EDC NO. 2H08932				3	AS TESTED ISSUE INCORPORATES EDC NO'S 153-817, 471, 422, 488, 511, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000								

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