



DRAINS TABLE (SEE NOTE G)

DIAGRAM	EQUIPMENT	LINE NUMBER	VIA	PUMP/TANK NUMBER
RR-87B	231S-TK21A	2-DAS-002-0-4	NAT	2DAS-TK20A
RR-87B	231S-TK21B	2-DAS-002-7-4	NAT	2DAS-TK24A
RR-87B	231S-TK21C	2-DAS-002-8-4	NAT	2DAS-TK24A
RR-75B	2RCS-RV101	2-RCS-003-27G-4	NAT	2DAS-TK27A

NOTE G. (CONT'D)  
 THE FOLLOWING SUBSTITUTIONS ARE ACCEPTABLE.  
 VCS015-X-4 FOR VCS060-G-4 VCS015-A-4 FOR VCS060-W-4  
 VCS015-A-4 FOR VCS060-V-4 VCS015-A-3 FOR VCS060-V-3  
 9. STRT-210 AND STRT-211 SHALL HAVE THE STRAINER ELEMENTS REMOVED AFTER SYSTEM HAS BEEN FLUSHED.  
 10. VENT LINES SHALL BE ROUTED SO THAT NO LOOP SEAL IS PRODUCED.  
 11. PLACE VLSO CHECK VALVE AS CLOSE AS POSSIBLE TO HEADER.  
 12. ALL CLASS 1 CODE PIPING, FROM 1" TO 2" DIAMETER, SHALL BE BUTT WELDED, EXCEPT AT CONNECTION TO 2" BSS WHICH IS SUPPLIED BY WESTINGHOUSE.  
 (CONT'D J-6)

VALVE IDENTIFICATION	MARK NUMBER	SIZE	NUMBER OF VALVES
V1, 2, 3, 4, 03	V84015-D-4	3"	4
V4, 5, 6, 7, 8, 9, 10, 11	V85015-D-4	3"	8
V12, 13, 14, 15	VCS060-G-4	2"	4
V16, 17, 18, 19, 20, 21	V85015-D-4	2"	8
V22, 413	VCS060-W-4	2"	2
V382	VCS060-W-3	3/4"	1
V397	V85015-D-4	1/2"	1
V941	VCS060-B-4	3/4"	1
V942	VCS060-V-4	3/4"	1
V398	VCS015-V-3	2"	1
V399	V85015-D-4	1/2"	1
V27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 41, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 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			

NOTES:  
 1. THE CONTROL EQUIPMENT MARK NUMBERS SHALL INCLUDE A PREFIX WHICH IS IDENTICAL TO THE SYSTEM CODE PREFIX FOR THE ASSOCIATED EQUIPMENT OR PIPE, UNLESS OTHERWISE NOTED. EXAMPLE: 2DAS-724  
 2. ADC INDICATES ADMINISTRATIVELY CONTROLLED  
 3. VLSO - VALVE STEM LEAKOFF  
 4. DGS LINES SHALL BE MAINTAINED AT CLEANNESS LEVEL 'B'. DGS AND VRS LINES SHALL BE MAINTAINED AT CLEANNESS LEVEL 'C' IN ACCORDANCE WITH 20M-211.  
 5. CL - CLAMP ON THEROCOUPLE.  
 6. LINE NUMBERS LISTED IN THE DRAINS TABLE ARE SHOWN ON THEIR PARENT DIAGRAMS ONLY.  
 7. METHOD OF CLOSURE FOR LOCAL VENTS DRAIN'S, TEST CONNECTIONS AND CHEMICAL CLEANING CONNECTIONS SHALL BE AS SHOWN REFER TO 20M-211 FOR ADDITIONAL DETAILS.  
 REFERENCE DWGS:  
 CALCULATING & SERVICE WATER PIPING P84-477  
 REACTOR COOLANT PIPING RR-75A, B  
 RESIDUAL HEAT RECOVERY PIPING RR-76A  
 CHARGING & VOLUME CONTROL PIPING RR-79C  
 FUEL INJECTION PIPING RR-87A  
 NUCLEAR EQUI VENT & DRAIN PP RR-89B, C  
 SUELF PIT COOLING PURIFICATION PP RR-92A  
 CONTAINMENT PRESSURIZATION PP RR-97A  
 COMPONENT COOLING PIPING RR-97A  
 PORTIONS OF THIS DOCUMENT ARE NUCLEAR SAFETY RELATED  
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DUQUESNE LIGHT COMPANY  
 ENGINEERS & CONSTRUCTORS PITTSBURGH, PA.  
 BEAVER VALLEY POWER STATION NO. 2  
 AA No. 10080-RM-89A  
 S&W DWG. NO. 12241-RM-89A-16B

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