

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3										DOCKET NUMBER (2) 0 5 0 0 0 3 6 2				PAGE (3) 1 OF 0 6	
TITLE (4) DOSE EQUIVALENT IODINE LIMITS EXCEEDED															
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)					
MONTH	DAY	YEAR	YEAR	SEC NUMBER	REV NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER (8)		
0 9	2 2	8 4	8 4	0 3 8	0 0 1 0	1 7	8 4						0 5 0 0 0 3 6 2		
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)													
1		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)	
POWER LEVEL (10)		0 6 5				20.405(a)(1)(i)				50.36(c)(1)				73.71(c)	
		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
		20.405(a)(2)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)					
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)					
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)					
LICENSEE CONTACT FOR THIS LER (12)															
NAME J. G. HAYNES, STATION MANAGER										TELEPHONE NUMBER 7 1 4 4 9 2 1 - 7 7 0 0					
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)															
CAUSE	SYSTEM	COMPONENT	MANUFAC- Turer	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFAC- Turer	REPORTABLE TO NRC					
SUPPLEMENTAL REPORT EXPECTED (14)															
YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO		EXPECTED SUBMISSION DATE (15)			
												MONTH DAY YEAR			

Abstract (Limit to 1400 spaces, i.e. approximately fifteen single-space typewritten lines) (16)

Pursuant to Limiting Condition for Operation (LCO) 3.4.7, Action Statement 'd' of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the Reactor Coolant System specific activity.

On September 22, 1984, at 0207, Unit 3 power reduction from 100% power was initiated in order to perform scheduled surveillances and miscellaneous maintenance items requiring reduced power. Following the reduction to 65% power, at 0840, analysis of a Reactor Coolant System (RCS) sample indicated that RCS specific activity exceeded 1.0 microcurie/gram Dose Equivalent (DE) I-131. RCS specific activity was reduced to less than 1.0 microcurie/gram DE I-131 by purification flow at 2025 on September 23, 1984.

The event was an indication of iodine spiking. We will continue to monitor and evaluate primary coolant activity. No further corrective action is planned.

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PDR ADOCK 05000362
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LICENSEE EVENT REPORT (LER)
TEXT CONTINUATIONU.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME(s) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3	DOCKET NUMBER (s) 01510101362	LER NUMBER (s)			PAGE (s)	
		YEAR 84	SEQ. NUMBER -038	REV. NUMBER -00	02	OF 06

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Pursuant to Limiting Condition for Operation (LCO) 3.4.7, Action Statement 'd' of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the Reactor Coolant System (RCS) specific activity.

On September 22, 1984, at 0207, Unit 3 power reduction from 100% power was initiated in order to perform scheduled surveillances and miscellaneous maintenance items requiring reduced power. Following the power reduction to 65% power, at 0840, RCS sample analysis indicated that RCS specific activity exceeded 1.0 microcurie/gram Dose Equivalent (DE) I-131. RCS specific activity was reduced to less than 1.0 microcurie/gram DE I-131 by purification flow at 2025 on September 23, 1984.

The event was an indication of iodine spiking. Similar occurrences were previously reported in LER 83-111, LER 84-005, LER 84-013, LER 84-015, LER 84-023, and LER 84-037. We will continue to monitor and evaluate primary coolant activity. No further corrective action is planned. Neither the health and safety of plant personnel nor the public were affected by this event.

Additional information, required by LCO 3.4.7, Action Statement 'd', is provided on the following pages. Although the unit has a degasification path which operates continuously and takes pressurizer steam, condenses it and directs it to Liquid Radwaste, degassing operation history is not applicable, because this system reduces the noble gas content of the RCS but has no effect on iodine.

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APPROVED OMB NO. 3150-0104
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FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (3)

PAGE (3)

SAN ONOFRE NUCLEAR GENERATING STATION,
UNIT 3

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TEXT (If more space is required, use additional NRC Form 366A's) (17)

CLEANUP FLOW HISTORY

<u>PERIOD</u>	<u>AVERAGE CLEANUP FLOW (GPM)</u>
9/20/84, 0800 to 9/21/84, 1500	80.8
9/21/84, 1500 to 9/21/84, 1800	0.0
9/21/84, 1800 to 9/21/84, 1900	18.1
9/21/84, 1900 to 9/21/84, 2300	57.9
9/21/84, 2300 to 9/21/84, 2400	79.7
9/21/84, 2400 to 9/22/84, 1200	63.2
9/22/84, 1200 to 9/22/84, 1500	85.0 *
9/22/84, 1500 to 9/22/84, 2400	80.9
9/22/84, 2400 to 9/23/84, 0200	85.0 *
9/23/84, 0200 to 9/23/84, 2100	80.7

* Hourly cleanup flow data not available. Figure used is taken from average flow with two charging pumps in operation.

REACTOR POWER HISTORY

<u>PERIOD</u>	<u>REACTOR POWER</u>
9/20/84, 0800 to 9/22/84, 0200	100% Rated Power
9/22/84, 0200 to 9/22/84, 0400	100% to 87%
9/22/84, 0400 to 9/22/84, 0700	87% to 69%
9/22/84, 0700 to 9/22/84, 1000	69% to 55%
9/22/84, 1000 to 9/22/84, 2200	55% to 72%
9/22/84, 2200 to 9/23/84, 0500	72% to 88%
9/23/84, 0500 to 9/23/84, 2100	88% to 100%

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATIONU.S. NUCLEAR REGULATORY COMMISSION
APPROVED CMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME(S):

DOCKET NUMBER (A)

LER NUMBER (B)

PAGE (3)

SAN ONOFRE NUCLEAR GENERATING STATION,
UNIT 3

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TEXT (If more space is required, use additional NRC Form 366A's) (17)

REACTOR COOLANT SYSTEM SPECIFIC ACTIVITY ANALYSIS

<u>DATE</u>	<u>TIME</u>	<u>DE I-131 MICROCURIES/GRAM</u>
9/22/84	0840	2.05
9/22/84	1248	3.36
9/22/84	1645	2.94
9/22/84	2030	2.18
9/23/84	0030	2.31
9/23/84	0430	1.99
9/23/84	0830	1.57
9/23/84	1225	1.28
9/23/84	1625	1.08
9/23/84	2025	0.98

The total time with the DE I-131 above 1.0 microcuries/gram for this event was 35.75 hours.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED DATE NO. 3100-0100

EXPIRES 9/31/00

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (3)

PAGE (4)

SAN ONOFRE NUCLEAR GENERATING STATION,
UNIT 3

0 0 0 0 0 3 6 2 8 4 - 0 3 8 - 0 0 0 5 OF 0 6

FIGURE OF MERIT SYSTEM & REPORTING, USE ADDITIONAL NRC FORM 100A (11/79)

EDITS 23 09/20/04 16:13:12 PAGE = 57

SEC002.0 PG 1203 83CLF022

AXIALLY INTEGRATED AND PEAK OUTPUT ASSEMBLY EXPOSURE EDITS

FORMAT OF ASSEMBLY IN CORE MAP

ASSEMBLY NUMBER - BATCH NUMBER

INTEGRATED BOX EXPOSURE IN 10**002MAD/T

MAXIMUM BOX EXPOSURE IN 10**002MAD/T

LOCATION OF MAX. ABS. EXP. IN O/D HEIGHT

1-05 2-05 3-05 4-05
38.105 49.550 49.786 38.042
48.959 63.652 63.408 48.594
36.000 36.000 36.000 36.000

5-05 6-05 7-07 8-07 9-04 10-07 11-07 12-05 13-05
37.071 49.809 58.767 68.784 60.469 68.577 58.294 49.260 36.000
48.843 64.035 76.061 89.024 78.496 88.494 78.901 62.610 46.161
36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 40.000

14-05 15-06 16-04 17-02 18-04 19-02 20-04 21-02 22-04 23-06 24-05
40.377 60.136 60.463 62.431 67.836 64.480 66.914 62.191 59.896 59.265 39.847
51.537 77.547 77.983 80.047 86.557 82.778 86.222 79.391 76.478 75.609 50.390
36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000

25-05 26-02 27-04 28-02 29-04 30-02 31-04 32-02 33-04 34-02 35-04 36-02 37-05
41.137 61.444 69.765 62.942 68.312 66.807 70.022 66.789 68.462 62.524 59.972 50.803 40.669
52.780 65.789 78.405 80.469 87.460 85.306 89.008 85.206 87.517 79.530 76.610 64.434 51.662
36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000

38-05 39-06 40-04 41-02 42-04 43-02 44-04 45-02 46-04 47-02 48-04 49-02 50-04 51-06 52-05
38.763 59.882 61.434 63.134 69.454 67.943 72.328 68.436 72.218 67.696 68.884 62.319 60.618 59.119 35.312
45.291 74.494 78.701 80.431 86.758 86.272 92.614 87.861 92.438 85.933 87.008 79.092 77.311 75.223 44.535
36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000

53-05 54-04 55-02 56-04 57-02 58-03 59-01 60-03 61-01 62-03 63-02 64-04 65-02 66-04 67-05
69.796 89.482 63.057 69.394 68.426 73.059 70.419 73.905 70.277 72.535 67.800 68.106 62.199 58.704 49.060
61.856 78.738 80.105 86.256 86.682 92.625 89.294 94.526 89.085 92.233 85.866 86.829 78.922 74.005 61.768
36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000

64-07 65-02 70-04 71-01 72-03 73-01 74-03 75-01 76-03 77-01 78-03 79-02 80-04 81-02 82-07
68.790 62.837 69.182 68.222 73.400 70.763 75.368 71.641 75.376 70.783 73.196 67.857 68.433 61.091 59.875
77.629 79.909 88.354 86.470 93.758 89.737 95.795 90.654 95.526 89.229 92.982 85.760 87.027 78.368 75.637
36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000

83-05 84-08 85-02 86-04 87-02 88-04 89-01 90-03 91-01 92-03 93-01 94-03 95-01 96-04 97-02 98-04 99-07 100-05
44.819 50.999 65-07 84-04 87-02 88-04 89-01 90-03 91-01 92-03 93-01 94-03 95-01 96-04 97-02 98-04 99-07 100-05
32.800 71.257 66.892 67.174 72.324 70.331 74.306 72.017 75.847 72.237 75.175 70.451 72.205 66.600 66.142 70.267 36.000
91.452 85.751 85.440 92.789 89.624 95.489 91.007 95.557 90.732 94.718 89.024 92.304 84.404 83.565 88.802
100-02 34.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000 36.000

101-05 102-04 103-02 104-04 105-02 106-03 107-01 108-03 109-01 110-03 111-01 112-03 113-02 114-04 115-02 116-04 117-05 118-05 119-07 120-04 121-02 122-04 123-01 124-03 125-01 126-03 127-01 128-03 129-01 130-04 131-02 132-04 133-07 134-08 135-05 136-05 137-02 138-04 139-02 140-03 141-01 142-03 143-01 144-03 145-01 146-03 147-02 148-04 149-02 150-07 151-02 152-05 153-05 154-05 155-05 156-05 157-05 158-05 159-05 160-05 161-05 162-05 163-05 164-05 165-05 166-05 167-05 168-05 169-05 170-05 171-05 172-05 173-05 174-05 175-05 176-05 177-05 178-05 179-05 180-05 181-05 182-05 183-05 184-05 185-05 186-05 187-05 188-05 189-05 190-05 191-05 192-05 193-05 194-05 195-05 196-05 197-05 198-05 199-05 200-05 201-05 202-05 203-05 204-05 205-05 206-05 207-05 208-05 209-05 210-05 211-05 212-05 213-05 214-05 215-05 216-05 217-05 218-05 219-05 220-05 221-05 222-05 223-05 224-05 225-05 226-05 227-05 228-05 229-05 230-05 231-05 232-05 233-05 234-05 235-05 236-05 237-05 238-05 239-05 240-05 241-05 242-05 243-05 244-05 245-05 246-05 247-05 248-05 249-05 250-05 251-05 252-05 253-05 254-05 255-05 256-05 257-05 258-05 259-05 260-05 261-05 262-05 263-05 264-05 265-05 266-05 267-05 268-05 269-05 270-05 271-05 272-05 273-05 274-05 275-05 276-05 277-05 278-05 279-05 280-05 281-05 282-05 283-05 284-05 285-05 286-05 287-05 288-05 289-05 290-05 291-05 292-05 293-05 294-05 295-05 296-05 297-05 298-05 299-05 300-05 301-05 302-05 303-05 304-05 305-05 306-05 307-05 308-05 309-05 310-05 311-05 312-05 313-05 314-05 315-05 316-05 317-05 318-05 319-05 320-05 321-05 322-05 323-05 324-05 325-05 326-05 327-05 328-05 329-05 330-05 331-05 332-05 333-05 334-05 335-05 336-05 337-05 338-05 339-05 340-05 341-05 342-05 343-05 344-05 345-05 346-05 347-05 348-05 349-05 350-05 351-05 352-05 353-05 354-05 355-05 356-05 357-05 358-05 359-05 360-05 361-05 362-05 363-05 364-05 365-05 366-05 367-05 368-05 369-05 370-05 371-05 372-05 373-05 374-05 375-05 376-05 377-05 378-05 379-05 380-05 381-05 382-05 383-05 384-05 385-05 386-05 387-05 388-05 389-05 390-05 391-05 392-05 393-05 394-05 395-05 396-05 397-05 398-05 399-05 400-05 401-05 402-05 403-05 404-05 405-05 406-05 407-05 408-05 409-05 410-05 411-05 412-05 413-05 414-05 415-05 416-05 417-05 418-05 419-05 420-05 421-05 422-05 423-05 424-05 425-05 426-05 427-05 428-05 429-05 430-05 431-05 432-05 433-05 434-05 435-05 436-05 437-05 438-05 439-05 440-05 441-05 442-05 443-05 444-05 445-05 446-05 447-05 448-05 449-05 450-05 451-05 452-05 453-05 454-05 455-05 456-05 457-05 458-05 459-05 460-05 461-05 462-05 463-05 464-05 465-05 466-05 467-05 468-05 469-05 470-05 471-05 472-05 473-05 474-05 475-05 476-05 477-05 478-05 479-05 480-05 481-05 482-05 483-05 484-05 485-05 486-05 487-05 488-05 489-05 490-05 491-05 492-05 493-05 494-05 495-05 496-05 497-05 498-05 499-05 500-05 501-05 502-05 503-05 504-05 505-05 506-05 507-05 508-05 509-05 510-05 511-05 512-05 513-05 514-05 515-05 516-05 517-05 518-05 519-05 520-05 521-05 522-05 523-05 524-05 525-05 526-05 527-05 528-05 529-05 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673-05 674-05 675-05 676-05 677-05 678-05 679-05 680-05 681-05 682-05 683-05 684-05 685-05 686-05 687-05 688-05 689-05 690-05 691-05 692-05 693-05 694-05 695-05 696-05 697-05 698-05 699-05 700-05 701-05 702-05 703-05 704-05 705-05 706-05 707-05 708-05 709-05 710-05 711-05 712-05 713-05 714-05 715-05 716-05 717-05 718-05 719-05 720-05 721-05 722-05 723-05 724-05 725-05 726-05 727-05 728-05 729-05 730-05 731-05 732-05 733-05 734-05 735-05 736-05 737-05 738-05 739-05 740-05 741-05 742-05 743-05 744-05 745-05 746-05 747-05 748-05 749-05 750-05 751-05 752-05 753-05 754-05 755-05 756-05 757-05 758-05 759-05 760-05 761-05 762-05 763-05 764-05 765-05 766-05 767-05 768-05 769-05 770-05 771-05 772-05 773-05 774-05 775-05 776-05 777-05 778-05 779-05 780-05 781-05 782-05 783-05 784-05 785-05 786-05 787-05 788-05 789-05 790-05 791-05 792-05 793-05 794-05 795-05 796-05 797-05 798-05 799-05 800-05 801-05 802-05 803-05 804-05 805-05 806-05 807-05 808-05 809-05 810-05 811-05 812-05 813-05 814-05 815-05 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959-05 960-05 961-05 962-05 963-05 964-05 965-05 966-05 967-05 968-05 969-05 970-05 971-05 972-05 973-05 974-05 975-05 976-05 977-05 978-05 979-05 980-05 981-05 982-05 983-05 984-05 985-05 986-05 987-05 988-05 989-05 990-05 991-05 992-05 993-05 994-05 995-05 996-05 997-05 998-05 999-05 1000-05 1001-05 1002-05 1003-05 1004-05 1005-05 1006-05 1007-05 1008-05 1009-05 1010-05 1011-05 1012-05 1013-05 1014-05 1015-05 1016-05 1017-05 1018-05 1019-05 1020-05 1021-05 1022-05 1023-05 1024-05 1025-05 1026-05 1027-05 1028-05 1029-05 1030-05 1031-05 1032-05 1033-05 1034-05 1035-05 1036-05 1037-05 1038-05 1039-05 1040-05 1041-05 1042-05 1043-05 1044-05 1045-05 1046-05 1047-05 1048-05 1049-05 1050-05 1051-05 1052-05 1053-05 1054-05 1055-05 1056-05 1057-05 1058-05 1059-05 1060-05 1061-05 1062-05 1063-05 1064-05 1065-05 1066-05 1067-05 1068-05 1069-05 1070-05 1071-05 1072-05 1073-05 1074-05 1075-05 1076-05 1077-05 1078-05 1079-05 1080-05 1081-05 1082-05 1083-05 1084-05 1085-05 1086-05 1087-05 1088-05 1089-05 1090-05 1091-05 1092-05 1093-05 1094-05 1095-05 1096-05 1097-05 1098-05 1099-05 1100-05 1101-05 1102-05 1103-05 1104-05 1105-05 1106-05 1107-05 1108-05 1109-05 1110-05 1111-05 1112-05 1113-05 1114-05 1115-05 1116-05 1117-05 1118-05 1119-05 1120-05 1121-05 1122-05 1123-05 1124-05 1125-05 1126-05 1127-05 1128-05 1129-05 1130-05 1131-05 1132-05 1133-05 1134-05 1135-05 1136-05 1137-05 1138-05 1139-05 1140-05 1141-05 1142-05 1143-05 1144-05 1145-05 1146-05 1147-05 1148-05 1149-05 1150-05 1151-05 1152-05 1153-05 1154-05 1155-05 1156-05 1157-05 1158-05 1159-05 1160-05 1161-05 1162-05 1163-05 1164-05 1165-05 1166-05 1167-05 1168-05 1169-05 1170-05 1171-05 1172-05 1173-05 1174-05 1175-05 1176-05 1177-05 1178-05 1179-05 1180-05 1181-05 1182-05 1183-05 1184-05 1185-05 1186-05 1187-05 1188-05 1189-05 1190-05 1191-05 1192-05 1193-05 1194-05 1195-05 1196-05 1197-05 1198-05 1199-05 1200-05 1201-05 1202-05 1203-05 1204-05 1205-05 1206-05 1207-05 1208-05 1209-05 1210-05 1211-05 1212-05 1213-05 1214-05 1215-05 1216-05 1217-05 1218-05 1219-05 1220-05 1221-05 1222-05 1223-05 1224-05 1225-05 1226-05 1227-05 1228-05 1229-05 1230-05 1231-05 1232-05 1233-05 1234-05 1235-05 1236-05 1237-05 1238-05 1239-05 1240-05 1241-05 1242-05 1243-05 124

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED FOR RELEASE 2000-01-01

EXPIRES 07/1/00

FACILITY NAME (1)

EVENT NUMBER (2)

LER NUMBER (3)

PAGE (4)

SAN ONOFRE NUCLEAR GENERATING STATION,
UNIT 3

YEAR MONTH DAY

0 0 0 0 0 3 6 1 2 8 4 - 0 3 8 - 0 0 0 6 0 6

NOTE: If more space is required, use additional Form 100-100 (10/60)

34.000 68.959 62.846 48.076 67.750 73.383 71.073 75.710 75.183 75.494 70.475 73.054 67.472 68.417 62.259 60.149 34.000
70.479 80.428 80.178 85.946 93.491 90.038 95.954 90.632 95.557 89.340 92.662 85.087 86.945 79.033 76.757
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181-05 182-04 183-02 184-04 185-02 186-03 187-01 188-03 189-01 190-03 191-02 192-04 193-02 194-04 195-02 196-04 197-02
49.421 89.884 82.790 69.187 68.370 73.196 70.767 74.620 70.450 72.396 67.776 68.393 62.373 57.277 49.299
43.354 76.358 80.116 80.176 84.665 93.175 89.205 93.648 88.874 92.219 85.530 84.154 78.773 75.437 62.275
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166-05 167-04 168-04 169-02 170-04 171-02 172-04 173-02 174-04 175-02 176-04 177-02 178-04 179-06 180-05
15.672 59.680 61.192 62.904 69.388 68.099 72.693 68.739 72.260 67.494 68.002 62.399 60.603 58.999 35.353
45.457 76.502 78.377 79.934 88.464 86.342 92.537 87.628 92.091 85.519 87.465 78.054 74.936 74.755 44.558
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41.187 51.230 60.291 62.826 68.637 67.015 70.300 66.701 67.774 62.368 60.122 50.406 39.823
82.354 68.848 77.037 79.625 87.539 85.187 89.913 84.791 86.474 79.194 76.055 63.804 49.948
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194-05 195-04 196-04 197-02 198-04 199-02 200-04 201-02 202-04 203-04 204-05
48.152 59.707 60.173 62.291 67.040 64.586 66.098 62.033 59.864 59.347 39.811
58.771 76.067 76.848 79.229 85.904 82.365 85.761 78.955 76.407 75.493 59.149
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205-05 206-05 207-07 208-07 209-04 210-07 211-07 212-05 213-05
36.431 49.469 58.140 68.620 60.610 68.665 58.375 49.355 36.346
46.512 62.665 74.280 87.858 77.766 88.016 74.825 62.525 46.003
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214-05 215-05 216-05 217-05
38.029 49.830 49.050 38.091
48.211 62.975 63.031 48.367
34.000 34.000 34.000 34.000

MAXIMUM INTEGRATED ASSEMBLY EXPOSURE IS 0.7637340+04 PMD/T IN ASSEMBLY 110
MAXIMUM PEAK AXIAL EXPOSURE IS 0.948440+04 PMD/T, OCCURRING AT 38.00 8/0 OF THE CORE HEIGHT IN ASSEMBLY 108
CORE AVERAGE EXPOSURE IS 0.6230440+04 PMD/T
Equal to 164.72 EFPD

BATCH AVERAGE EXPOSURES		
BATCH NUMBER	BATCH NAME	AVERAGE EXPOSURE (GMD/T)
1	A1	7.120
2	A2	6.418
3	B1	7.447
4	B2	6.611
5	C	4.313
6	C	5.952
7	C*	6.459