

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8001220524 DOC. DATE: 80/01/14 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME: RENBERGER, D.L. AUTHOR AFFILIATION: Washington Public Power Supply System
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation

SUBJECT: Informs NRC of followup actions taken re TMI-2 Lessons Learned Task Force recommendations. Util has joined GE owners group. BWR action items will be implemented prior to receipt of OL & changes to FSAR in accordance w/review schedule.

DISTRIBUTION CODE: B001B COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 41
 TITLE: PSAR/FSAR AMDS and Related Correspondence

NOTES: PM - 2 CYS ALL MNTL

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
ACTION:	05 PM Lynch	1 1	AD AD Lynch	1 0
	BC Lynch	1 0	LA Lynch	1 0
INTERNAL:	01 REG FILE	1 1	02 NRC PDR	1 1
	06 I & E	2 2	08 OPERA LIC BR	1 1
	09 GEOSCIEN BR	4 4	10 QAB	1 1
	11 MECH ENG BR	1 1	12 STRUC ENG BR	1 1
	13 MATL ENG BR	2 2	15 REAC SYS BR	1 1
	16 ANALYSIS BR	1 1	17 CORE PERF BR	1 1
	18 AUX SYS BR	1 1	19 CONTAIN SYS	1 1
	20 I & C SYS BR	1 1	21 POWER SYS BR	1 1
	22 AD SITE TECH	1 0	26 ACCDNT ANALYS	1 1
	27 EFFL TRT SYS	1 1	28 RAD ASMT BR	1 1
	29 KIRKWOOD	1 1	AD FOR ENG	1 0
	AD PLANT SYS	1 0	AD REAC SAFETY	1 0
	AD SITE ANALYSIS	1 0	DIRECTOR NRR	1 0
	HYDRO-METEOR BR	2 2	MPA	1 0
	0ELD	1 0		
EXTERNAL:	03 LPDR	1 1	04 NSIC	1 1
	30 ACRS	10 10		

LTR

MOORE
EPB #2

T. NORRIS
EPB #2

JAN 24 1980

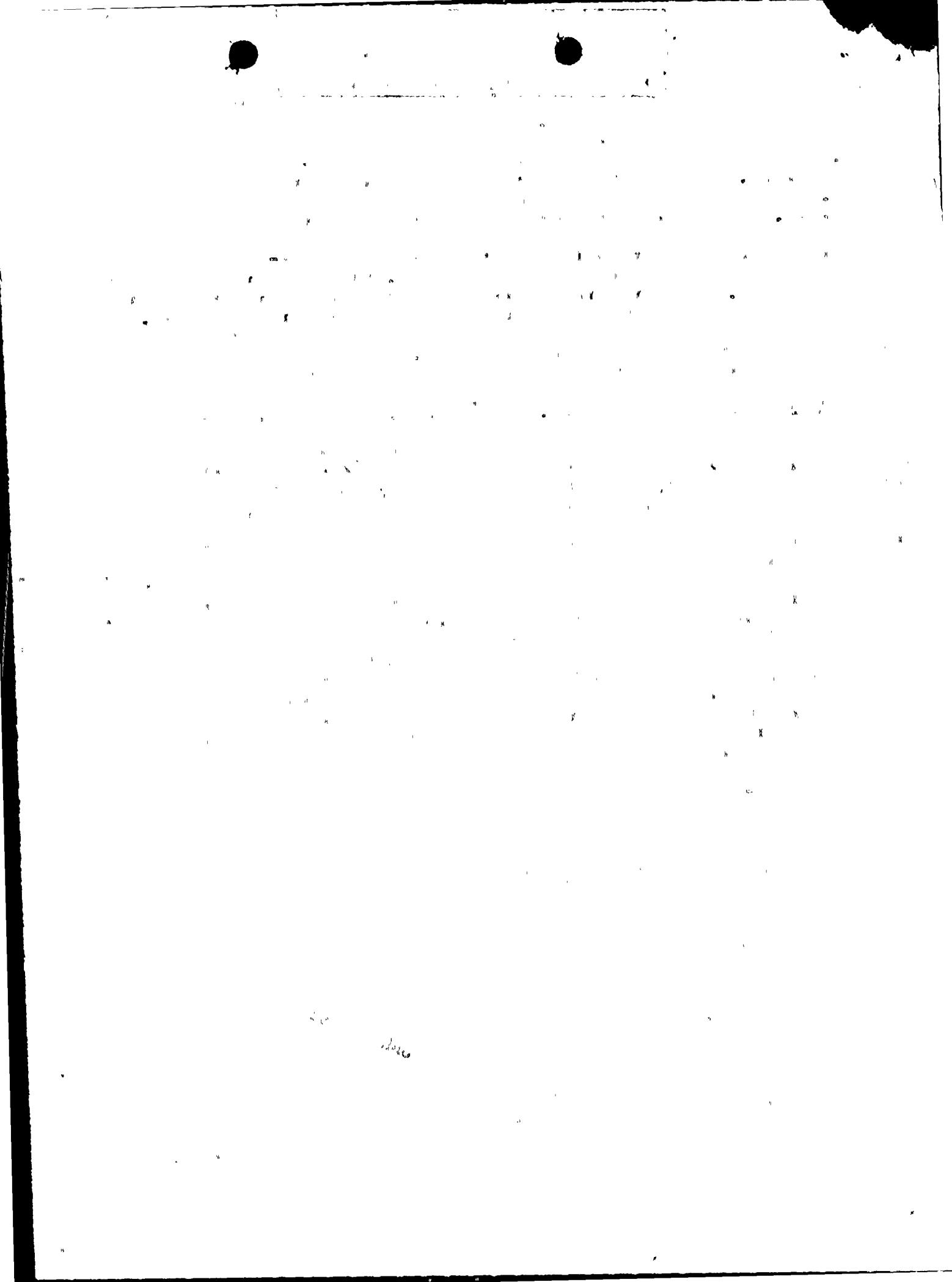
TOTAL NUMBER OF COPIES REQUIRED: LTR

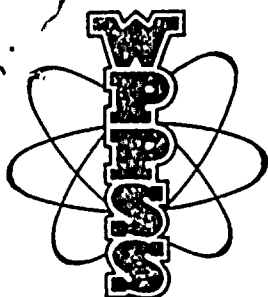
58

ENCL

42

App 4





Washington Public Power Supply System
A JOINT OPERATING AGENCY

P. O. Box 968

3000 GEO. WASHINGTON WAY

RICHLAND, WASHINGTON 99352

PHONE (509) 375-5000

January 14, 1980
G02-80-13

Docket No. 50-397

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20556

Attention: Harold R. Denton, Director

Subject: WPPSS NUCLEAR PROJECT NO. 2
FOLLOW-UP ACTION REGARDING
THE THREE MILE UNIT 2 ACCIDENT

- References:
- (1) T. D. Keenan to H. R. Denton dated October 1, 1979
 - (2) WPPSS letter to H. R. Denton dated August 8, 1979
Subject: Intermediate BWR Plant Owners Group
 - (3) D. B. Vassallo letter to All Pending Operating License
Applicants dated September 27, 1979

Dear Mr. Denton:

The purpose of this letter is to inform you of the actions we are taking to respond to the NRC staff review regarding the Three Mile Island-2 accident. As you are aware, we have been successful in our efforts to join the General Electric Operating Plant Owners Group as indicated in Reference 1. We have been participating in the Owners Group since August and will utilize the Owners Group activities in the same manner as the original members in responding to the Reference 3 letter and the NRR Bulletins & Orders Task Group. Therefore, the need for the Intermediate BWR Plant Owners Group, discussed in Reference 2, no longer exists and it has been disbanded. Accordingly, NRC review effort unique to the Intermediate BWR Plants will generally not be required. This will save time and effort both on your part and ours.

Boo!
SE 1/1

8001220 524

[illegible]

Mr. H. R. Denton
Page 2

In response to your request in Reference 3 that we begin implementation of the actions contained in NUREG-0578 and its supplements, we have prepared Attachment 1 which basically endorses the BWR Owners Group responses. For those items where plant unique differences exist, we have added clarifications. Our current schedule is to implement these action items prior to receipt of our operating license with changes to our FSAR being submitted in accordance with review schedule requirements.

With regard to our actions in the areas of Emergency Planning and Preparedness and Improvements in Operator Training, we are proceeding in accordance with the intent of the guidelines provided in Enclosures 7, 8 and 9 of Reference 3. Revisions to our Emergency Plan and Training Program are currently underway and will be submitted in accordance with established review schedule requirements prior to receipt of our operating license.

In keeping with your proposal of Reference 3 to become involved in the activities of the NRR Bulletins & Orders Task Group, we are participating in the preparation of a supplement to the General Electric report NEDO-24708. To this end, we are working with the other Owners formerly in the Intermediate BWR Plant Owners Group (Detroit Edison Company (Fermi-2), Mississippi Power and Light Company (Grand Gulf-1/2), and Pennsylvania Power and Light (Susquehanna-1/2)) and GE to provide a supplement that includes these plants in the NEDO report. This supplement is currently being prepared and will be submitted in early 1980. Responses to Inspection and Enforcement Bulletin No. 79-08 as well as plant unique data requested by the B.&O. Task Group will also be submitted by letter in early 1980.

The information provided in the supplement to NEDO-24708 and our own response to I&E Bulletin No. 79-08 plus plant unique data will provide you with the same information for WNP-2 as has been submitted for the original GE Operating Plant Owners Group. With similar submittals being made by Detroit Edison Company (Fermi-2), Mississippi Power and Light Company (Grand Gulf-1/2) and Pennsylvania Power and Light (Susquehanna-1/2) you will have similar information in the same format for all GE Operating BWR's and BWR's with pending Operating Licenses. This provides an opportunity for you to review WNP-2 and the other intermediate BWR plants in the same manner and using the same resources that are reviewing the information submitted by the original Owners Group members. We believe this approach to be of mutual benefit in most efficiently utilizing available resources. We strongly urge you to proceed accordingly.

Mr. H. R. Denton
Page 3

In addition to the above activities, we have reviewed your TMI-2 Lessons Learned Task Force Final Report NUREG-0585) and the President's Commission Report (Kemeny Report) and are actively pursuing some of the recommendations therein.

Very truly yours,



D. L. RENBERGER
Assistant Director
Technology

DLR:DLG:cd

attachments

cc: JJ Verderber - B&R, NY
HR Canter - B&R, NY
FA MacLean - GE, San Jose
NS Reynolds - Debevoise & Liberman, D.C.
ND Lewis - EFFSEC, Olympia, WA
JR Lewis - BPA, Richland, WA
L. Rubenstein-NRC, D.C.
D. Lynch - NRC, D.C.
PK Bingham - GE, San Jose
PW Marriott - GE, San Jose
JS Bitel - Commonwealth Edison
JP Morin - L.I. Lighting Co.
TD Keenan - VT Yankee Nuclear Power Corp.
WF Colbert - Detroit Edison
N. Curtis - Pennsylvania Power & Light
L. Dale - Mississippi Power and Light
KK Chitkara - Cincinnati Gas and Electric Co.

100-100000

WASHINGTON PUBLIC POWER SUPPLY SYSTEM UNIT 2
(DOCKET NO. 50-397)
COMMITMENTS TO MEET REQUIREMENTS OF NUREG-0578

This attachment contains commitments by Washington Public Power Supply System Unit 2 to the requirements set forth in NUREG-0578 and items (a) through (f) of Mr. D. B. Vassallo letter of September 27, 1979. Because of our active involvement in the BWR Owners Group and the subsequent review of the Owners Group positions on NUREG-0578 items by the NRC, we have chosen the Owners Group positions as the means of responding to Mr. D. B. Vassallo's letter of September 27, 1979. For reference purposes, a copy of the BWR Owners Group positions as transmitted by Mr. T. D. Keenan's letters on the subject to Mr. D. G. Eisenhower dated October 17, 1979, and November 15, 1979, are enclosed as part of this attachment.

NUREG-0578 Item 2.1.1 Emergency Power Supplies

WNP-2 concurs with the BWR Owners Group position with the following clarification:

The air-operated solenoid valves, which provide a long-term source of air to the air-operated ADS valves, are connected to emergency power.

NUREG-0578 Item 2.1.2 Performance Testing for Relief and Safety Valves

WNP-2 concurs with the BWR Owners Group position with the exception that S/RV performance testing in the "Alternate Shutdown" mode will be performed. In addition, it should be noted that we are aware of the NRC's rejection of the Owners Group position, and our own response to that rejection will be handled through the BWR Owners Group.

NUREG-0578 Item 2.1.3a Direct Indication of S/RV Valve Position

The implementation criteria provided by the Owners Group is modified by WNP-2 to include an evaluation of alternative approaches. The position indication system shall be designed to the appropriate environment. As a backup method of position indication, WNP-2 will use the existing discharge pipe thermocouples.

NUREG-0578 Item 2.1.3b Instrumentation for Inadequate Core Cooling

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.1.4 Containment Isolation Provisions for PWR's and BWR's

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

— 2 —

NUREG-0578 Item 2.1.5a Dedicated Hydrogen Control Penetrations

WNP-2 has permanently installed redundant post-LOCA Hydrogen recombiners that meet the requirement of GDC 54 and 56.

NUREG-0578 Item 2.1.5b Inerting BWR Containments

Since this item has been deferred by the NRC, it will not be addressed.

NUREG-0578 Item 2.1.5c Installing Hydrogen Recombiners in LWR's

WNP-2 has a post-LOCA Hydrogen recombiner system, and it is currently being reviewed for access requirements during its intended use to determine if additional shielding or other design changes are required.

NUREG-0578 Item 2.1.6a Systems Integrity for High Radioactivity

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.1.6b Plant Shielding Review

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.1.7a Auto Initiation of Auxiliary Feedwater

This item is not applicable to BWR's.

NUREG-0578 Item 2.1.7b Auxiliary Feedwater Flow Indication

This item is not applicable to BWR's.

NUREG-0578 Item 2.1.8a Improved Post-Accident Sampling Capability

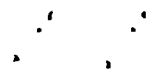
WNP-2 concurs in principle with the BWR Owners Group position; however, because we are not confined by the same time limitations, we are still in the review stage and are not able to commit to any specific design changes at this time. We are, however, actively pursuing a course of action that will satisfy the NRC position on this item.

NUREG-0578 Item 2.1.8b Increased Range of Radiation Monitors

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.1.8c Improved Inplant Iodine Instrumentation

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.



1

2

3

4

5

NUREG-0578 Item 2.1.9 Transient and Accident Analyses

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.2.1a Shift Supervisor's Responsibilities

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.2.1b Shift Technical Advisor

WNP-2 concurs with the BWR Owners Group position; however, it should be noted that we are aware of the NRC's rejection of the BWR Owners Group position, and our own response to that rejection will be handled through the BWR Owners Group.

NUREG-0578 Item 2.2.1c Shift Turnover Procedures

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.2.2a Control Room Access Control

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.2.2b On-site Technical Support Center

Because of the different time schedule for WNP-2, we have not yet determined how we will meet the NRC's position on this item. We are actively pursuing it; however, and will have a complete position established in early 1980 that will support the requirements of the NRC.

NUREG-0578 Item 2.2.2c On-site Operation Support Center

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

NUREG-0578 Item 2.2.3 Revised Limiting Conditions for Operations

Since this item has been deferred by the NRC, it will not be addressed.

ACRS Items--Containment Pressure, Water Level, and Hydrogen Monitors

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

H. R. Denton Item--Reactor Coolant Systems Venting

WNP-2 concurs with the BWR Owners Group position and will implement these requirements accordingly.

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 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