

10CFR50.71(e)

June 10, 2011

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: **Docket Nos. 50-361 and 50-362**
Updated Final Safety Analysis Report and Updated Fire Hazard
Analysis, Revised April 2011
San Onofre Nuclear Generating Station, Units 2 and 3

Reference: Letter from M. P. Short (SCE) to U. S. Nuclear Regulatory Commission
(Document Control Desk) Letter dated June 10, 2009, Subject: Docket
Nos. 50-361 and 50-362, Updated Final Safety Analysis Report and
Updated Fire Hazard Analysis, Revised April 2009, San Onofre Nuclear
Generating Station, Units 2 and 3

Dear Sir or Madam:

In accordance with the requirements of 10 CFR 50.71(e), Southern California Edison hereby submits the biennial revisions to the Updated Final Safety Analysis Report (UFSAR) and the Updated Fire Hazard Analysis (UFHA), for San Onofre Nuclear Generating Station (SONGS), Units 2 and 3.

In addition, as required by 10 CFR 50.54(a), an update to the Quality Assurance Program Description for San Onofre Units 1, 2, and 3 is provided in accordance with 10 CFR 50.71(e). Topical Report, Quality Assurance Program SCE-1 is incorporated as Chapter 17 of the UFSAR with changes identified by change bars. A summary of the changes to the Topical Report, Quality Assurance Program SCE-1 since the last submittal, is provided in Attachment 1.

Both updates are being provided within 24 months following the last update (Reference).

Enclosed is a compact disk (CD) containing the SONGS Units 2 and 3 UFSAR and UFHA. To denote the changes from the previous submittals, a vertical change bar is located in the page margin adjacent to the revised information.

The CD contains information that is deemed sensitive and the files on the CD are requested to be withheld from public disclosure in accordance with 10 CFR 2.390. The enclosed CD contains the files listed in Attachment 2.

There are no commitments contained in this letter or its enclosures.

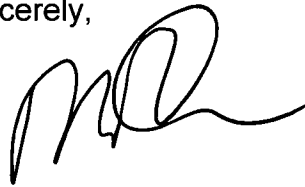
Should there be any questions regarding this submittal, please contact Linda T. Conklin at (949) 368-9443.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on

6/10/2011
(Date)

Sincerely,

A handwritten signature in black ink, appearing to be 'ML' followed by a flourish.

Attachment 1: Summary of changes in the Topical Report Quality Assurance Program SCE-1 since the last submittal

Attachment 2: Listing of SONGS Units 2 and 3 UFSAR and UFHA files

Enclosure: (Compact Disk - San Onofre Nuclear Generating Station UFSAR and UFHA, Amended April 2011)

cc: E. E. Collins, Regional Administrator, NRC Region IV
R. Hall, NRC Project Manager, San Onofre Units 2 and 3
G. G. Warnick, NRC Senior Resident Inspector, San Onofre Units 2 and 3
S. Y. Hsu, California Department of Health Services, Radiologic Health Branch

Attachment 1

Summary of Changes to the Topical Report Quality Assurance program SCE-1, since the last submittal:

1. Changed TR Section 17.2.1.2, Responsibilities, to assign responsibility of nuclear safety culture to the Chief Nuclear Officer.
2. Changed TR Section 17.2.1.2.1, Engineering and Technical Services, to assign the responsibility of strategic projects to the Senior Director, Engineering and Technical Services.
3. Changed TR Section 17.2.1.2.2, Site Management, to assign the responsibility of nuclear procedures production, review and approval to the Station Manager through the Plant Manager.
4. Changed TR Section 17.2.1.2.3, Site Support, to remove the responsibility of nuclear procedures and nuclear information services from Director, Site Support.
5. Changed TR Section 17.2.1.2.7, Other Organizations, to reflect the new name of Information Technology as Information Technology and Business Integration.
6. Changed TR Chapter 17.2, Section 17.2.3.2, Design Control, to make clear description of design activities and assignees.
7. Changed TR Section 17.2.15.2, Nonconforming Materials, Parts, or Components, to revise the second paragraph of this section to read, "An Action Review Committee (ARC), comprised of management representatives, reviews and assesses Nuclear Notifications and functions as a review board. Within this review process, operability assessments, and reportability determinations are performed, when required. Additionally, the ARC assigns actions, as appropriate, to address non-conformances with the exception of receipt inspection non-conformances which are processed by Engineering through the use of Quality Management (QM) Notifications. When the equipment nonconformance is safety significant or identifies potential programmatic weaknesses that could cause other equipment to be nonconforming, evaluations are performed within the corrective action program to determine cause and corrective action to prevent recurrence".
8. Changed TR Section 17.2.18.2, Audits, to reflect the audit requirement of at least once per 24 months of the Site Security Program including, but not limited to, effectiveness of Physical Security Plan, Safeguards Contingency Plan, Security Force Training and Qualification Plan, implementing procedures, cyber security programs, safety/security

interface activities, the testing, maintenance, and calibration program, and response commitments by local, State, and Federal law enforcement authorities.

9. Changed TR Section 17.2.19.1, Organization, to reflect in the fourth paragraph of this section the new title and organization name, "Manager, Plant Engineering and Engineering Programs", vice, "Director, Maintenance/Systems Engineering".
10. Changed TR Section 17.2.19.2, Quality Assurance Program, to reflect in the first paragraph of this section, the new organization name, "Plant Engineering and Engineering Programs", vice, "Maintenance/Systems Engineering".
11. Changed TR Chapter 17.2, Section 17.2.20.2, Onsite Review Committee (OSRC), to ascribe the OSRC composition to the functional areas rather than to the managers overseeing the functional areas. This revision adds the Nuclear Regulatory Affairs as a member functional area.
12. Changed TR Section 17.2.20.2.2, Composition, to reflect the new organization name, "Plant Engineering and Engineering Programs", vice, "Maintenance/Systems Engineering".
13. Changed TR Section 17.2.20.2.8, Records, to revise the last sentence of this section to read, "Copies shall be provided to the Nuclear Oversight Board or Independent Reviewer".
14. Changed TR Section 17.2.20.3.1, Activities, to revise Paragraphs f, g, and h of this section to read:
 - f. The Physical Security Plan shall be reviewed at least once per 24 months.
Recommended changes to the Physical Security Plan shall be approved by the Director, Site Support and the Nuclear Oversight Board or Independent Reviewer shall be notified of the approved changes to review for unanticipated deficiencies in some aspect of design or operation of structures, systems, or components that could affect nuclear safety. Implementing procedures shall be prepared and approved in accordance with Technical Specification and the Licensee Controlled Specifications.
 - g. The Site Emergency Plan shall be reviewed at least once per 12 months.
Recommended changes shall be approved by the Director, Site Support and the Nuclear Oversight Board or Independent Reviewer shall be notified of the approved changes to review for unanticipated deficiencies in some aspect of design or operation of structures, systems, or components that could affect nuclear safety. Implementing procedures shall be prepared and approved in accordance with Technical Specification and the Licensee Controlled Specifications.
 - h. The Station Manager shall assure the performance of a review by a qualified individual/organization of every unplanned release of radioactive material to the

environs including the preparation of and transmittal to Nuclear Oversight Board or Independent Reviewer a Nuclear Notification covering evaluation, recommendations, and disposition of the corrective action in accordance with Subsection 17.2.16.

15. Changed TR Chapter 17.2, Section 17.2.20.4, Nuclear Oversight Board, to replace the Nuclear Safety Group with Nuclear Oversight Board. The organizational structure of the Nuclear Oversight Board is defined for its function, composition, members' qualifications, and authority.
16. Changed TR Section 17.2.20.4.3, to revise the first paragraph to read, "The Nuclear Oversight Board, designated sub-committee members, or other independent reviewers from plant organizations shall review:"
17. Changed TR Section 17.2.20.6, Working Hours, to revise the first paragraph to reflect security to perform safety related functions.
18. Changed TR Section 17.2.20.6, Working Hours, to reflect the provisions of the new Fatigue Management Rule.
19. Changed TR Section 17.2, Topical Report, to add the term Nuclear to describe Notification, as Nuclear Notification.
20. Changed TR Chapter 17.2, Topical Report, The Topical Report was revised to eliminate organizational inconsistencies
21. Table 17.2-1, SCE Quality Assurance Program Compliance to Guides, Requirements, and Standards, Table 17.2-1 was revised to add the 10 CFR 73.55 standard, as follows:

10CFR73.55 – Requirements for Physical Protection of Licensed Activities in Nuclear Power Reactors against Radiological Sabotage	Complies	Per 10CFR73.55 (m)
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Attachment 2

Listing of SONGS Units 2 and 3 UFSAR and UFHA Files

Directory of F:\UFSAR	
File Name	Size
000 NRC Amendment for PDF Report Contents.pdf	510,275
001 NRC Amendment for Section 1.1.PDF	2,847,284
002 NRC Amendment for Section 1.2.PDF	8,339,020
003 NRC Amendment for Section 1.3.PDF	389,719
004 NRC Amendment for Section 1.4.PDF	520,659
005 NRC Amendment for Section 1.5.PDF	274,871
006 NRC Amendment for Section 1.6.PDF	275,668
007 NRC Amendment for Section 1.7.PDF	389,738
008 NRC Amendment for Section 1.8.PDF	404,862
009 NRC Amendment for Section 2.1.PDF	1,233,402
010 NRC Amendment for Section 2.2.PDF	1,108,369
011 NRC Amendment for Section 2.3.PDF	16,032,877
012 NRC Amendment for Section 2.4.PDF	8,117,426
013a NRC Amendment for Section 2.5 Part 1 of 2.pdf	48,269,022
013b NRC Amendment for Section 2.5 Part 2 of 2.pdf	45,215,962
014 NRC Amendment for Section 3.1.PDF	352,138
015 NRC Amendment for Section 3.2.PDF	488,885
016 NRC Amendment for Section 3.3.PDF	267,810
017 NRC Amendment for Section 3.4.PDF	6,625,458
018 NRC Amendment for Section 3.5.PDF	543,845
019 NRC Amendment for Section 3.6.PDF	2,884,291
020 NRC Amendment for Section 3.7.PDF	22,059,976
021 NRC Amendment for Section 3.8.PDF	32,899,350
022 NRC Amendment for Section 3.9.PDF	10,179,640
023 NRC Amendment for Section 3.10.PDF	491,157
024 NRC Amendment for Section 3.11.PDF	724,607
025 NRC Amendment for Appendix 3A.pdf	385,603
026 NRC Amendment for Appendix 3B.pdf	157,666
027 NRC Amendment for Appendix 3C.PDF	1,905,789
028 NRC Amendment for Section 4.1.PDF	395,573
029 NRC Amendment for Section 4.2.PDF	844,686

030 NRC Amendment for Section 4.3.PDF	2,094,119
031 NRC Amendment for Section 4.4.PDF	1,003,052
032 NRC Amendment for Section 4.5.PDF	299,901
033 NRC Amendment for Section 4.6.PDF	578,834
034 NRC Amendment for Section 5.1.PDF	2,196,613
035 NRC Amendment for Section 5.2.PDF	4,131,218
036 NRC Amendment for Section 5.3.PDF	643,261
037 NRC Amendment for Section 5.4.PDF	2,662,029
038 NRC Amendment for Section 6.1.PDF	293,233
039 NRC Amendment for Section 6.2.PDF	10,918,425
040 NRC Amendment for Section 6.3.PDF	6,258,399
041 NRC Amendment for Section 6.4.PDF	538,875
042 NRC Amendment for Section 6.5.PDF	987,904
043 NRC Amendment for Section 6.6.PDF	259,523
044 NRC Amendment for Section 7.1.PDF	425,597
045 NRC Amendment for Section 7.2.PDF	12,527,713
046 NRC Amendment for Section 7.3.PDF	4,422,171
047 NRC Amendment for Section 7.4.PDF	1,444,086
048 NRC Amendment for Section 7.5.PDF	5,910,774
049 NRC Amendment for Section 7.6.PDF	541,020
050 NRC Amendment for Section 7.7.PDF	435,295
051 NRC Amendment for Section 8.1.PDF	147,192
052 NRC Amendment for Section 8.2.PDF	2,089,135
053 NRC Amendment for Section 8.3.PDF	2,664,671
054 NRC Amendment for Section 9.1.PDF	3,280,119
055 NRC Amendment for Section 9.2.PDF	12,417,527
056 NRC Amendment for Section 9.3.PDF	22,116,900
057 NRC Amendment for Section 9.4.PDF	12,506,414
058 NRC Amendment for Section 9.5.PDF	6,734,262
059 NRC Amendment for Section 10.1.PDF	23,177,331
060 NRC Amendment for Section 10.2.PDF	442,009
061 NRC Amendment for Section 10.3.PDF	149,253
062 NRC Amendment for Section 10.4.PDF	4,058,424
063 NRC Amendment for Section 11.1.PDF	553,770
064 NRC Amendment for Section 11.2.PDF	6,453,782
065 NRC Amendment for Section 11.3.PDF	1,878,440
066 NRC Amendment for Section 11.4.PDF	1,618,063
067 NRC Amendment for Section 11.5.PDF	1,442,243
068 NRC Amendment for Section 12.1.PDF	291,758
069 NRC Amendment for Section 12.2.PDF	373,110

070 NRC Amendment for Section 12.3.PDF	50,718,958
071 NRC Amendment for Section 12.4.PDF	325,488
072 NRC Amendment for Section 12.5.PDF	316,186
073 NRC Amendment for Section 13.1.PDF	577,630
074 NRC Amendment for Section 13.2.PDF	265,315
075 NRC Amendment for Section 13.3.PDF	502,242
076 NRC Amendment for Section 13.4.PDF	380,652
077 NRC Amendment for Section 13.5.PDF	308,633
078 NRC Amendment for Section 13.6.PDF	499,453
079 NRC Amendment for Section 14.1.PDF	494,538
080 NRC Amendment for Section 14.2.PDF	586,798
081 NRC Amendment for Section 15.0.PDF	412,465
082 NRC Amendment for Section 15.1.PDF	2,779,626
083 NRC Amendment for Section 15.2.PDF	1,245,390
084 NRC Amendment for Section 15.3.PDF	545,738
085 NRC Amendment for Section 15.4.PDF	1,351,536
086 NRC Amendment for Section 15.5.PDF	625,782
087 NRC Amendment for Section 15.6.PDF	3,250,718
088 NRC Amendment for Section 15.7.PDF	364,503
089 NRC Amendment for Section 15.8.PDF	266,605
090 NRC Amendment for Section 15.9.PDF	339,876
091 NRC Amendment for Section 15.10.PDF	1,751,172
092 NRC Amendment for Appendix 15A.PDF	307,163
093 NRC Amendment for Appendix 15B.PDF	240,355
094 NRC Amendment for Appendix 15C.PDF	355,380
095 NRC Amendment for Appendix 15D.PDF	329,264
096 NRC Amendment for Appendix 15E.PDF	680,688
097 NRC Amendment for Appendix 15F.PDF	292,323
098 NRC Amendment for Appendix 15G.PDF	263,077
099 NRC Amendment for Section 16.1.PDF	256,206
100 NRC Amendment for PDF Report 17.PDF	83,128
101 NRC Amendment for Section 17.0.PDF	279,672
102 NRC Amendment for Section 17.1.PDF	246,813
103 NRC Amendment for Section 17.2.PDF	527,357
104 NRC Amendment for Figure 17B-1.PDF	224,770

Directory of F:\UFHA	
File Name	Size
000 NRC Amendment for PDF Report Contents.pdf	147,863
001 NRC Amendment for Section 1.PDF	279,442
002 NRC Amendment for Section 2.PDF	373,868
003 NRC Amendment for Section 3.pdf	142,674
004 NRC Amendment for Section 4.pdf	239,362
005 NRC Amendment for Section 5.pdf	392,807
006 NRC Amendment for Section 6.pdf	140,529
007 NRC Amendment for Section 7.1.pdf	410,221
008 NRC Amendment for Section 7.2.PDF	358,409
009 NRC Amendment for Section 7.3.PDF	474,682
010 NRC Amendment for Section 7.4.PDF	385,349
011 NRC Amendment for Section 7.5.pdf	683,589
012 NRC Amendment for Section 7.6.PDF	322,364
013 NRC Amendment for Section 7.7.PDF	352,067
014 NRC Amendment for Section 7.8.PDF	385,909
015 NRC Amendment for Section 7.9.pdf	3,616,027
016 NRC Amendment for Section 7.10.PDF	594,350
017 NRC Amendment for Section 7.11.PDF	338,681
018 NRC Amendment for Section 7.12.pdf	399,678
019 NRC Amendment for Section 7.13.PDF	358,253
020 NRC Amendment for Section 7.14.pdf	1,014,347
021 NRC Amendment for Section 7.15.PDF	383,039
022 NRC Amendment for Section 7.16.PDF	362,807
023 NRC Amendment for Section 7.17 .PDF	325,643
024 NRC Amendment for Section 7.18.PDF	348,955
025 NRC Amendment for Section 7.19.PDF	379,219
026 NRC Amendment for Section 8.1.PDF	48,265,804
027 NRC Amendment for Appendix A.PDF	255,456
028 NRC Amendment for Appendix B.PDF	1,889,804
029 NRC Amendment for Appendix C.PDF	256,282
030 NRC Amendment for Appendix D.pdf	1,226,322