

## Engineering and Construction Department

REV. 3  
EFFECTIVE: 02/04/87INTERIM DESIGN CHANGE NOTICE (IDCN)/DESIGN CHANGE NOTICE (DCN) FOR  
SONGS 1, 2&3

## A. GENERAL INFORMATION

1. The purpose of this procedure is to document the preparation, review, approval and release of FORM 26-179-1, Interim Design Change Notice (IDCN)/Design Change Notice (DCN) SONGS 1, 2&3, as prepared by the Engineering and Construction Department (E&C) or Nuclear Generation Site Department (NGS).

2. The IDCN is used to document design changes to certain areas of design disclosure documents without revising the base document until the proposed engineering changes have been physically implemented.

NOTE: The Quality Class (Q-Class) of the original design document being revised shall be indicated on each applicable IDCN/DCN, on both the 26-179-1 and on FORM 26-179-2, Interim Design Change Notice (IDCN)/Design Change Notice (DCN) Supplemental Page. However, where there exists an unincorporated DCN that has previously changed the Q-Class, the Q-Class of the new IDCN/DCN shall be the same as the Q-Class on the unincorporated DCN. Additionally, IDCNs/DCNs revising the Q-Class of the document shall note the new Q-Class on both the 26-179-1 and the 26-179-2 (Keypoints 9 and 7 respectively). The new Q-Class shall be "clouded" on all 26-179-1 and 26-179-2 forms. Any IDCN/DCN containing a Q-Class change, including additions, deletions or modifications to a Q-Class assignment, shall be approved by Nuclear Systems Engineering, in addition to the approvals specified in the Document Review and Approval Distribution Matrix (DRADM).

3. Design criteria for the design change are addressed as follows:

a. Unit 1: Design criteria may be prepared in accordance with E&C QA Procedure E&C 24-7-13.

b. Units 2&3: Design criteria for design development are in accordance with the Technical Specifications, Updated Final Safety Analysis Report (UFSAR), Updated Fire Hazards Analysis (UFHA) and the Emergency Plan (EP). Deviations to the basic design criteria (Design Bases) are handled in accordance with E&C QA Procedure E&C 40-9-13 and E&C QA Procedure E&C 40-9-10 for Technical Specification changes and are addressed in detail in the Proposed Facility Change Package (PFCP), prepared in accordance with E&C QA Procedure E&C 24-10-15.

4. An IDCN may only be prepared and issued for construction as a part of a Design Change Package (DCP).

5. If a DCN is prepared outside of the DCP Process in accordance with ACTION III, it is used only to correct a document (e.g., drawing) when it is found that the "As-Built" configuration does not match that shown on the drawing. It is reviewed and approved in accordance with the DRADM.

6. The IDCN is to be incorporated into the applicable drawing after receiving written direction from Station Configuration Control. The drawing revision shown on an IDCN may be different than that shown on the drawing at the time the IDCN is to be incorporated. Since there may be one or more revisions prior to completion of the work shown on the IDCN, this disagreement in revision numbers is anticipated and is not cause for rejection of the IDCN to DCN conversion and further incorporation to the drawing. When an IDCN is converted to a DCN, the drawing revision number on the IDCN shall be changed to the current revision by Project Administration in order to maintain configuration control.

7. When supersedure or cancellation of an IDCN/FIDCN is necessary, the following shall apply:

a. For supersedure of a previously approved IDCN or FIDCN, prepare a new FIDCN(s) with a new FIDCN number(s), identifying the IDCN or FIDCN to be superseded.

b. For cancellation of a previously approved IDCN or FIDCN (applicable only if construction activity has not commenced), prepare a new FIDCN(s) with a new FIDCN number(s), referencing the cancelled IDCN/FIDCN.

NOTE: Reference criteria in EXHIBIT I.

Prepared By:	<u>Charles K. Bailey</u>	10-2-86
	Author	Date
Approved By:	<u>[Signature]</u>	10-2-86
	Manager, Station Technical	Date
Approved By:	<u>[Signature]</u>	10-2-86
	Responsible Division Manager	Date
Approved By:	<u>[Signature]</u>	1/9/87
	QA Organization Manager	Date
Approved By:	<u>[Signature]</u>	1/13/87
	Engineering QA Steering Committee Chairman	Date

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8. A design disclosure document shall accumulate not more than ten (10) DCN's, including those changes by the Engineering Services Contractor (ESC), before the affected document is revised (except as approved by the Project Engineer or Manager, Station Technical and the Quality Assurance Supervisor). **R**

9. Under no circumstances shall an IDCN be incorporated into a design disclosure document prior to the actual construction completion.

10. This procedure shall apply to all design work, regardless of safety class, within and along the boundary (including the outside isolation zone) of the SONGS 1, 2&3 Plant Protected Area. It shall also apply to facilities outside the Protected Area as follows:

Facilities not excepted by the conditions of E&C 24-10-15, Exhibit I, Criterion B.5, which include:

- a. Switchyard
- b. Condensate Storage Tank and Transfer Piping System
- c. Meteorological Instrumentation
- d. Emergency Siren and Paging System
- e. Radiation Monitoring Stations
- f. Circulating Water Conduits and Structures
- g. Onsite and Offsite PMF Facilities
- h. Facilities, systems or components outside the Protected Area which interface with and affect the performance or operation of facilities, systems or components inside the Protected Area (e.g., Fire Protection, including components stored for use on dedicated/alternate shutdown systems, Communications, etc.). **R**

11. In addition to this procedure, IDCN's/DCN's designated as "Safeguards Information" shall also be processed in accordance with E&C QA Procedure E&C 24-10-9. **N**

12. This procedure complies with the requirements of applicable documents referenced in the Matrix of Regulatory Reference Material for E&C QA Procedures.

**B. PROCEDURAL ACTIONS****ACTION I - PREPARATION, REVIEW, APPROVAL AND RELEASE OF THE IDCN WHEN ISSUED WITH A DCP**

LEAD DISCIPLINE  
RESPONSIBLE ENGINEER/COGNIZANT  
SYSTEM ENGINEER

1. Review the DCP change description as shown on FORM 26-178-1, Design Change Package.

2. Identify any other affected disciplines and identify all affected discipline documents known at this time.

**AFFECTED DISCIPLINES**

3. Initiate a 26-179-1. Provide a "before" (if there is a change in existing configuration) and "after" or "add" sketch with the modifications described on the IDCN. "Cloud" the changed areas on the "after" or "add" sketches. Use 26-179-2, as needed.

NOTES: 1. To facilitate and fully comprehend multiple changes to a drawing which is part of a unique DCP revision, a larger than 8 1/2 x 11 IDCN format may be used. Each full-size larger IDCN shall contain the same drawing information as required on the 8 1/2 x 11 format. The full-size larger IDCN's shall be preceded by the 8 1/2 x 11 Form 26-179-1 for the purpose of obtaining required approvals, and these IDCN's shall be attached to the 26-179-1 and paginated as supplemental pages. **N**

2. "As-Found" information shall be identified within the IDCN, but on a separate sheet. When this is not feasible, a new "As-Built" drawing shall be generated and referenced within the DCP to reflect the As-Found condition. If the As-Found condition is not acceptable, a new DCN should be added to the DCP. (For additional clarification and definition of the As-Found condition, refer to the E&C QA Reference Procedures Manual Glossary.)

3. Equipment or systems under Reg. Guide 1.29 Seismic Category II/I or B/A Criteria shall be noted as "SC II/I" for SONGS 2&3 and "SC B,A" for SONGS 1 on IDCN's.

4. Refer to E&C QA Procedure E&C 37-30-63 for required ACTIONS to complete the Environmental Qualification of any new equipment located in a harsh environment or for existing equipment on the respective unit's EQ Master List. **R**

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4. Contact SCE Project Administration for IDCN number assignment. (IDCN numbers are assigned in sequence for each document beginning with S-1, and Project Administration shall maintain a log of issued IDCN numbers.) R

5. Obtain Checker approval on the 26-179-1.

6. Forward the IDCN to the Lead Discipline Responsible Engineer/Cognizant System Engineer.

**LEAD DISCIPLINE RESPONSIBLE ENGINEER/  
COGNIZANT SYSTEM ENGINEER**

7. Incorporate the IDCN into the DCP and route for review, comment and approval in accordance with E&C QA Procedure E&C 24-10-16.

**ACTION II - FIELD GENERATED IDCN's  
(FIDCN's) TO A DCP****RESPONSIBLE ENGINEER**

1. Evaluate the condition with either the Construction Engineer or Startup Engineer. Review the criteria in Exhibit I to determine if a FIDCN may be written or if a revision to the DCP is required.

2. If field changes meet the Exhibit I criteria, prepare a FIDCN. A FIDCN may be written by an SCE Responsible Engineer, Station Technical Engineer or Designee.

NOTE: If field changes do not meet this criteria, initiate a revision to the DCP in accordance with E&C 24-10-16, ACTION I, or request the contractor to initiate a DCP revision.

3. Prepare the 26-179-1 and obtain a FIDCN number from Corporate Documentation Management (CDM), SONGS, or through Project Administration. Consult the Design Review Responsibility Matrix (DRRM) to ensure that all design requirements are considered. FIDCN's are assigned number beginning with an alpha (defining the discipline) and followed by a sequential number (e.g., E-001).

NOTES: 1. Equipment or systems under Reg. Guide 1.29 Seismic Category II/I or B/A criteria shall be noted as "SC II/I" for SONGS 2&3 and "SC B/A" for SONGS 1 on IDCNS.

2. Refer to E&C 37-30-63 for required ACTIONS to complete the Environmental Qualification of any new equipment located in a harsh environment or for existing equipment on the respective unit's EQ Master List. R

4. Review to determine if other documents or document categories are affected. If there are such affected documents, indicate this on Form 26-179-1, Block 2, and complete preparation of Form CC(123) 183 and/or Form CC(123) 184 as instructed in Block 2 (Keypoint 12) of the 26-179-1. If no other documents are affected, this shall also be indicated in Block 2 of this form. N

NOTE: When several documents require related changes, one document shall be selected as the governing document (e.g., the FIDCN to the primary document) to be listed as the Source Document on Forms CC(123) 183 and CC(123) 184 (Forms 183/184). The Source Document shall be completely identified (e.g., FIDCN E-9999 to 40340). The other affected documents shall then be listed on Form CC(123) 184 as needing changes, with the associated FIDCN numbers also listed. It is not necessary to prepare redundant Forms 183/184 for each related FIDCN. R

5. Prepare FORM EO 165-1, Document Transmittal (for E&C), or FORM CC(123) 262, Document Transmittal (for NGS), and route with the FIDCN for review and comment in accordance with the DRADM or forward to Project Administration (E&C/NES&L) for this action. R

**REVIEWERS (INCLUDING THE  
INDEPENDENT REVIEW ENGINEER (IRE))**

6. Review the FIDCN in accordance with the criteria given in the DRRM. Attach additional pages for comments (if necessary) to the EO 165-1/CC(123) 262. Sign the EO 165-1/CC(123) 262 and forward with any comments to the Responsible Engineer or to Project Administration (E&C/NES&L) in accordance with the applicable form. R

NOTE: The IRE from the responsible discipline shall also refer to the criteria listed on the reverse side of the EO 165-1 and sign and document any comments on the EO 165-1/CC(123) 262. R

**RESPONSIBLE ENGINEER**

7. Resolve all comments with each reviewer and document the resolution on the EO 165-1/CC(123) 262. R Forward unresolved comments to the Group Leader or Discipline Supervisor for resolution; then, if necessary, forward to higher levels within the Project, Discipline or Station Technical.

8. When all comments have been resolved, route the FIDCN and the EO 165-1's/CC(123) 262's for approval in accordance with the DRADM. R

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9. When the FIDCN is returned with necessary approvals, prepare FORM 26-22-2, Data Transmittal, and forward the FIDCN to CDM, Drawing Control, SONGS, for distribution. **R**

NOTE: The Forms 183/184 (if initiated in Step 4 of this Action), the EO 165-1's/CC(123) 262's and all comments shall remain with the field copy of the applicable DCP to be forwarded to Station at the time of turnover. **N**

**CDM, DRAWING CONTROL - SONGS**  
(For Information Only)

10. Process the FIDCN in accordance with CDS QAP CDM 26-10-1 and distribute the FIDCN in accordance with the applicable distribution matrix. **R**

11. Retain the site file copy with the affected DCP. Forward the original FIDCN to Project Administration - G.O.

**PROJECT ADMINISTRATION - G.O.**

12. File the original FIDCN with the applicable DCP package.

13. After acceptance of the final turnover package by the Station for DCP's, receive a Memorandum Directing DCN Conversion from the Station Configuration Control Engineer.

14. Convert the FIDCN's or other field generated changes (e.g., BPC X-FCR's) to DCN's in accordance with E&C QA Procedure E&C 24-8-7.

**ACTION III - PREPARATION, REVIEW, APPROVAL AND RELEASE OF THE DCN PREPARED OUTSIDE OF A DCP****ORIGINATOR**

1. Identify the need to correct a configuration controlled document and notify the appropriate Project Engineer (i.e., by Startup Problem Report (SPR), Nonconformance Report (NCR) or other written memorandum). **R**

**PROJECT ENGINEER**

2. Upon notification, determine the need for DCN preparation and assign corrective action to the appropriate Lead Discipline Engineer/Responsible Engineer. **N**

**LEAD DISCIPLINE ENGINEER/RESPONSIBLE ENGINEER** **R**

3. Initiate a 26-179-1 and 26-179-2. Consult the DRRM to ensure that all design requirements are considered. Provide a "before" and "after" or "add" sketch of corrections to a design record on the DCN.

NOTE: Refer to E&C 37-30-63 for required actions to complete the Environmental Qualification of any new equipment located in a harsh environment. **D**

4. Review to determine if other documents or document categories are affected. If there are such affected documents, indicate this on Form 26-179-1, Block 2, and complete preparation of Form CC(123) 183 and/or Form CC(123) 184 as instructed in Block 2 of the 26-179-1. If no other documents are affected, this shall also be indicated in Block 2 of this form.

NOTE: When several documents require related changes, one document shall be selected as the governing document (e.g., the DCN to the primary document) to be listed as the Source Document on Forms 183/184. The Source Document shall be completely identified (e.g., DCN #3 to 5176849). The other affected documents shall then be listed on Form CC(123) 184 as needing changes, with the associated DCN numbers also listed. It is not necessary to prepare redundant Forms 183/184 for each related DCN. **N**

5. Obtain an interim DCN number from Project Administration for the duration of the review cycle. (Project Administration shall maintain a log of issued DCN numbers.) **R**

NOTE: Interim DCN numbers are assigned in sequence for each document number, e.g.:

AB- - - Discipline (Site)  
ABG- - - - (G.O.).

**LEAD DISCIPLINE ENGINEER/RESPONSIBLE ENGINEER (E&C ONLY)** **R**

6. Coordinate the review or forward the DCN to CDM, Drawing Control-G.O. (If forwarded to CDM, prepare FORM 26-89, Document Issue Request, and route with the DCN.)

7. If coordinating the review, prepare an EO 165-1 and route with the DCN for review and comment in accordance with the DRADM. **R**

**LEAD DISCIPLINE ENGINEER/RESPONSIBLE ENGINEER (NGS ONLY)**

8. Coordinate the review.



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9. Prepare a CC(123) 262 and route with the DCN for review and comment in accordance with the DRADM. **R**

CDM, DRAWING CONTROL - G.O. (E&C ONLY)  
(For Information Only)

10. Upon receipt of the DCN, update the history record.

11. Prepare the EO 165-1's.

12. Route the EO 165-1's and the DCN for review and comment in accordance with the DRADM. **R**

REVIEWERS (INCLUDING THE INDEPENDENT  
REVIEW ENGINEER (IRE))

13. Review the DCN in accordance with the criteria given in the DRRM. Attach additional pages for comments (if necessary) to the EO 165-1/CC(123) 262. Sign the EO 165-1/CC(123) 262 and forward with any comments to the Lead Discipline Engineer/Responsible Engineer or Project Administration in accordance with the EO 165-1/CC(123) 262. **R**

- NOTES: 1. The IRE from the responsible discipline shall also refer to the criteria listed on the reverse side of the EO 165-1 and sign and document any comments on the EO 165-1/CC(123) 262. **R**
2. Reviewers for the Responsible Engineer - NGS will forward the CC(123) 262 to the Responsible Engineer.

LEAD DISCIPLINE ENGINEER/RESPONSIBLE  
ENGINEER **R**

14. Resolve all comments with each reviewer and document the resolution on the EO 165-1/CC(123) 262. Forward the unresolved comments to the Group Leader for resolution; then, if necessary, forward to higher levels within the Project, or to the Discipline Supervisor or NGS Supervisor. **R**

15. When all comments have been resolved, route the DCN and EO 165-1's/CC(123) 262's for approval in accordance with the DRADM. **R**

NOTE: The approval level on individual DCN's shall be consistent with the approval level of the base document. **R**

16. When the DCN is returned with the necessary approvals, forward with Forms 183/184 (if initiated in Step 3 of this ACTION), the EO 165-1's/CC(123) 262's and all comments to Project Administration. **R**

**PROJECT ADMINISTRATION**

17. Receive the DCN and assign a DCN Number, superseding the interim number previously assigned.

18. Prepare the 26-89 and forward the package, including the original DCN, with the EO 165-1's/CC(123) 262's and all comments to CDM, Drawing Control - G.O. for distribution. **R**

CDM, DRAWING CONTROL - G.O. OR SONGS  
(For Information Only)

19. Receive the documents and process in accordance with CDS QA Procedure CDM 26-10-17. **R**

20. Forward the original CC(123) 183, a copy of the DCNs and the applicable CC(123) 184(s) to the Supervisor, Configuration Control. **R**

**C. REFERENCES**

1. CDS QA Procedure CDM 26-10-16, Processing SCE Design Change Packages for SONGS 1, 2&3
2. CDS QA Procedure CDM 26-10-17, Issue of Design Change Notices for Review and Comment or Release for SONGS 1, 2&3
3. E&C QA Procedure E&C 24-7-13, Design Criteria Documents for Engineering Construction Project (ECP) Activities for SONGS Units 1, 2&3
4. E&C QA Procedure, E&C 24-8-7, Development, Review, Approval and Release of New and As-Built Drawings and Obsolescence of Existing SCE Drawings for SONGS 1, 2&3
5. E&C QA Procedure E&C 24-10-9, Configuration and Document Control for SONGS 1, 2&3 **N**
6. E&C QA Procedure E&C 24-10-15, Processing of Proposed Facility Change Packages for SONGS 1, 2&3
7. E&C QA Procedure E&C 24-10-16, Development, Review, Approval and Release of SCE Design Change Packages (DCP) SONGS 1, 2&3
8. E&C QA Procedure E&C 37-30-63, Development, Issuance, Revision and Cancellation of the Document Package to Establish the Environmental Qualification (EQ) of Electrical Equipment Listed on the EQ Master List for SONGS 1, 2&3 **R**
9. E&C QA Procedure E&C 40-9-10, Preparation of Amendment Applications for the SONGS 1 Provisional Operating License and the SONGS 2&3 Operating Licenses
10. E&C QA Procedure E&C 40-9-13, Control of SONGS Licensing Document Changes and Coordination of Documents Prepared for Submittal to the NRC in Support of an NRC Operating License for SONGS 1, 2&3 **R**
11. Document Review and Approval Distribution Matrix (DRADM)

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12. Design Review Responsibility Matrix (DRRM)
13. FORM EO 165-1, Document Transmittal R
14. FORM 26-22-2, Data Transmittal N
15. FORM 26-89, Document Issue Request
16. FORM 26-178-1, Design Change Package
17. FORM 26-179-1, Interim Design Change Notice (IDCN)/Design Change Notice (DCN) for SONGS 1, 2&3
18. FORM 26-179-2, Interim Design Change Notice (IDCN)/Design Change Notice (DCN) Supplemental Page, SONGS 1, 2&3
19. FORM 26-292, Fire Protection Design Checklist.
20. FORM 37-22, Nonconformance Report (NCR)
21. FORM CC(123) 183, San Onofre Nuclear Generating Station Configuration Document Checklist R
22. FORM CC(123) 184, San Onofre Nuclear Generating Station Configuration Documents requiring Change R
23. FORM CC(123) 262, Document Transmittal R
24. American Society of Mechanical Engineers Boiler and Pressure Vessel Code
25. American National Standards Institute
26. Emergency Plan (EP)
27. Updated Fire Hazard Analysis (UFHA)
28. Updated Final Safety Analysis Report (UFSAR) R
29. Project Distribution Matrix
30. San Onofre Units 1, 2&3 Technical Specifications
31. Topical Quality Assurance Manual (TQAM)

### D. DEFINITIONS

1. Refer to the E&C QA Reference Procedures Manual Glossary.

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## EXHIBIT I

CRITERIA FOR WRITING FIELD GENERATED IDCN'S  
OR REVISING DCP'S

1. Unless modified to suit special situations with the approval of the Project Engineer or Manager, Station Technical (and consistent with applicable Footnotes in Exhibits of the DRADM), the Field Generated IDCN (FIDCN) shall be associated with a DCP and shall be written for the following purposes only:

To make minor changes to a design document or to provide clarification to documents in order to satisfy their original design criteria. Minor changes are defined as:

1. Changing termination details which do not change the elementaries or one-line diagrams.
2. Adding clarification notes to a drawing which do not change the design.
3. Providing construction notes which will not change the design.
4. Making dimensional changes to resolve interferences which do not require a change to the piping stress analyses or structural analyses.
5. Revision to drawings identifying acceptable design tolerances, not requiring revision of design calculations.
6. Revisions to weld details to accommodate constructibility which do not require the revision of engineering design calculations.
7. Non-safety related setpoint changes, required to be consistent with a configuration, which do not revise engineering design calculations, Updated Final Safety Analysis Report (UFSAR) requirements or Technical Specifications.
8. Changes of component parts certified by the supplier as being equivalent replacements.
9. Correction of the circuit and raceway schedule to ensure agreement with other design documents such as physical layout drawings, one-line or elementary diagrams.
10. For Safety Related Systems when the design corrects a clearly identified NCR dispositioned "repair" or "use-as-is" on FORM 37-22, Nonconformance Report (NCR), and does not fall into any category identified in Section 2 of this Exhibit. The NCR number shall be noted on the FIDCN.
11. Changes to non-safety related
  - a. Paints, coatings or sealants
  - b. Bulk commodities
  - c. Gaskets and packings in non-safety related apparatus
  - d. Labels, equipment tags and annunciator lenses, except on control room control panels.

NOTES: 1. A FIDCN may not supersede or cancel an IDCN which is part of an original DCP revision, without Project Engineer Approval.

2. FIDCN's are not required for the following conditions: Editorial changes; clarification of construction tolerances already defined in construction specifications and standards; material substitutions, if the substitutions are consistent with Piping Material Specifications; and minor configuration changes to tubing and conduit that are consistent with construction specifications.

3. A FIDCN shall not be used for the following changes. These changes must be issued using a DCP or DCP revision. These criteria may be modified to suit special situations with the approval of the Project Engineer or Manager, Station Technical:

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### EXHIBIT I

- A. Changes to Piping and Instrumentation Diagrams (P&ID's), one-line diagrams, elementary diagrams, general arrangements or control panel drawings other than those allowed by Section I above.
- B. Changes to American Society of Mechanical Engineers Code or American National Standards Institute piping other than described in I.4.
- C. Changes to component parts, except as noted in I.9 above, raceways, raceway hangers, or materials requiring an engineering analysis for acceptability (except fire barriers).
- D. Component changes, additions or deletions (includes electrical raceways and cables).
- E. Changes resulting in a "yes" answer to FORM 26-292, Fire Protection Design Checklist.
- F. Changes to instrument span/range, setpoints or computer software which are imposed by the UFSAR or Technical Specifications.
- G. Cable routing and permanent equipment location changes.
- H. Design changes which affect the original assessment documented on Form 26-292, Fire Protection Design Checklist.

NOTE: Form 26-292 is included in the issued DCP revision.

- I. Systems Description Manual

NOTE: Changes involving the Systems Description Manual can also be made through a DCN in accordance with ACTION III of this procedure.

NOTE: Changes involving Environmental Qualification, Appendix R and/or High Energy Line Break concerns must be approved by Nuclear Systems Engineering.



ENGINEERING AND CONSTRUCTION  
AND  
NUCLEAR ENGINEERING, SAFETY AND LICENSING  
DEPARTMENTS

1. E&C 24-10-17 Rev. 3

PROCEDURE CHANGE NOTICE (PCN)  
FOR E&C QA PROCEDURES

9. PCN NO.: 1  
10. 01/09/87  
EFFECTIVE DATE

2. PROCEDURE TITLE: Interim Design Change Notice (IDCN)/Design Change Notice (DCN) for SONGS 1, 2&3  
3. ORIGINATOR: A. K. Jones  
4. DATE ORIGINATED: October 14, 1986  
5. REASON FOR CHANGE: To establish Quality Class designation on drawings/documents that do not so stipulate.  
6. DESCRIPTION OF CHANGE:

PAX NO.: 2-3230


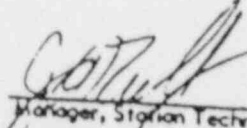
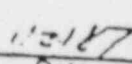

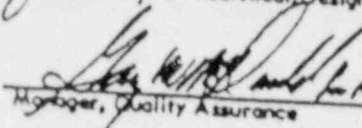
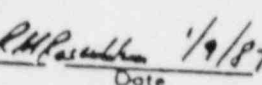
Under A. GENERAL INFORMATION, Step 2, NOTE is revised as follows:

- NOTES: 1. The Quality Class (Q-Class) of the original design document being revised shall be indicated on each applicable IDCN/DCN, on both the 26-179-1 and on FORM 26-179-2, Interim Design Change Notice (IDCN/Design Change Notice (DCN) Supplemental Page. However, where there exists an unincorporated DCN that has previously changed the Q-Class, the Q-Class of the new IDCN/DCN shall be the same as the Q-Class on the unincorporated DCN. Additionally, IDCNs/DCNs revising the Q-Class of the document shall note the new Q-Class on both the 26-179-1 and the 26-179-2 forms. Any IDCN/DCN containing a Q-Class change, including additions, deletions or modifications to a Q-Class assignment, shall be approved by Nuclear Systems Engineering, in addition to the approvals specified in the Document Review and Approval Distribution Matrix (DRADM).

Under A. GENERAL INFORMATION, Step 2, NOTE 2 is added as follows:

2. When a IDCN/DCN is required to be written against a drawing/document which does not presently have a Q-Class designation, the first Change Notice prepared against that drawing/document shall establish its Q-Class. (See E&C QA Procedure E&C 24-8-7, ACTION 1, Step 3, for guidelines establishing Q-Class.)

7. APPROVALS:

 Procedure Author	 Manager, Station Technical/Designee	 Date
 Responsible Division Manager/Designee	 Manager, Quality Assurance	 Date

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**Procedure Change Notice (PCN)  
For E&C QA Procedures**

1. E&C 24-10-17 Rev. 3  
9. PCN No. 2  
10. 09/11/87  
EFFECTIVE DATE

2. Procedure Title Interim Design Change Notice (IDCN)/Design Change Notice (DCN) for SONGS 1, 2&3

3. Originator D. M. Schafer

PAX No. 28670

4. Date Originated 08/19/87

5. Reason For Change PCN initiated to clarify the Quality Class III (or Quality Class IV) - FPS Quality Class designation, in response to SONGS Incident Report 2-003.

6. Description Of Change:

In B. PROCEDURAL ACTIONS, ACTION I, Step 3; add new Note 5 to read:

NOTES: 5. Applicable fire protection systems, equipment and material under TQAM Appendix V shall be noted on IDCNs as follows:

FP for Unit 1  
FPS for Units 2&3

In B. PROCEDURAL ACTIONS, ACTION II - Step 3 add new Note 3 to read:

NOTES: 3. Applicable fire protection systems, equipment and material under TQAM Appendix V shall be noted on IDCNs as follows:

FP for Unit 1  
FPS for Units 2&3

7. Approvals

CK Baboy  
PROCEDURE AUTHOR

8/24/87  
DATE

[Signature]  
MANAGER, STATION TECHNICAL/DISSEMINATION

9/9/87  
DATE

[Signature]  
RESPONSIBLE DIVISION MANAGER/DESIGNER

8/27/87  
DATE

[Signature]  
Manager of Quality Assurance

9/10/87  
DATE

## Procedure Change Notice (PCN) For E&C QA Procedures

2. Procedure Title Interim Design Change Notice (IDCN)/Design Change Notice (DCN) SONGS 1, 2&3

3. Originator D. Hadley PAX No. 87305

4. Date Originated 03/31/88

5. Reason For Change To clarify the allowance of telecon approvals during the design change document review and approval process, and to ensure that safety related documents receive a thorough "in person" review. (Ref. SO-224-87).

6. Description Of Change:

In B. PROCEDURAL ACTIONS, ACTION II, Step 6, add the following Note:

NOTE: When timing is critical and the required SCE personnel are not available to sign a document, their review and approval may be obtained by telecon. Telecon reviews and approvals must be noted in the signature block of the EO 165-1/CC(123)262 and the field change document. If the field change document involves an Operational Controlled Stick File drawing, ASME III, Fire Protection or Regulatory Guide 1.29, Positions C.2 and C.3 items/services, it shall be reviewed in person by the SCE individual, and the EO 165-1/CC(123) 262 shall be revalidated, initialed and dated within 3 working days of issue.

7. Approvals

[Signature] 3/31/88  
PROCEDURE AUTHOR DATE

[Signature] 4/20/88  
MANAGER, STATION TECHNICAL/DESIGNER DATE

[Signature] 4/13/88  
RESPONSIBLE DIVISION MANAGER/DESIGNER DATE

[Signature] 4/27/88  
Manager of Quality Assurance DATE

## Procedure Change Notice (PCN) For E&C QA Procedures

1 E&C 24-10-17 Rev. 3  
9 PCN No 4  
10 06/10/88  
EFFECTIVE DATE

- 2 Procedure Title Interim Design Change Notice (IDCN)/Design Change Notice (DCN) for SONGS 1, 2&3
- 3 Originator A. Ngan PAX No 28378
- 4 Date Originated 04/15/88
- 5 Reason For Change To provide provision for software modifications if a design change impacts any plant computer systems, and revise reference to Nonconformance Form.

6. Description Of Change:

In B. PROCEDURAL ACTIONS, ACTION I, add New Step 3 to read:

4. If the change impacts any plant computer system, contact the Station Computer Group and submit a software modification request in accordance with Station Engineering Procedure S023-V-4.70, Software Modification and Verification.

Renumber the current items 3 through 7 to 4 through 8

In B. PROCEDURAL ACTIONS, ACTION II, add New Step 3 to read:

3. If the change impacts any plant computer system, contact the Station Computer Group and submit a software modification request in accordance with Station Engineering Procedure S023-V-4.70, Software Modification and Verification.

In B. PROCEDURAL ACTIONS, ACTION III, add New Step 5 to read:

3. If the change impacts any plant computer system, contact the Station Computer Group and submit a software modification request in accordance with Station Engineering Procedure S023-V-4.70, Software Modification and Verification.

In C. REFERENCES, add New Item 11 to read:

11. Station Engineering Procedure S023-V-4.70, Software Modification and Verification

In C. REFERENCES, revise Item 20 to read as follows:

20. FORM 37/22/ Nonconformance Report (NCR)

Renumber the current items 11 through 31 to 12 through 32

7. Approvals

[Signature] 5/1/88 [Signature] 6/1/88  
PROCEDURE AUTHOR DATE MANAGER, STATION TECHNICAL/DESIGNER DATE

[Signature] 5/1/88 [Signature] 6/1/88  
RESPONSIBLE DIVISION MANAGER/DESIGNER DATE Manager of Quality Assurance DATE