

TEXAS UTILITIES GENERATING CO. CPSES	INSTRUCTION NUMBER QI-QP-11.4-28	REVISION 5	ISSUE DATE JUN 1 1984	PAGE 1 of 22
PROTECTIVE COATINGS INSPECTION TRAVELERS	PREPARED BY: <u>Fred Dunham</u> <u>6-12-84</u> DATE APPROVED BY: <u>W. B. Mason</u> <u>6-12-84</u> DATE APPROVED BY: <u>Lisa Biefeldt</u> <u>6-12-84</u> DATE			

1.0 REFERENCES

- 1-A CP-QP-18.0, "Inspection Report"
- 1-B QI-QP-11.4-26, "Inspection of Steel Substrate Surface Preparation Primer Application, Primer Repair, Seal & Finish Coat Application & Repair"
- 1-C QI-QP-11.4-27, "Inspection of Concrete Substrate Surface Preparation & Coating Application & Repair"
- 1-D 2323AS31, "Protective Coating Specification"
- 1-E CEI-30, "Protective Coatings Traveler Review"
- 1-F CP-QP-13.0, "Control of Measuring & Testing Equipment"
- 1-G CP-QP-16.0, "Nonconformances"

2.0 GENERAL

2.1 PURPOSE

The purpose of this procedure is to establish a method of documenting field inspections performed by Protective Coatings Quality Control personnel.

2.2 SCOPE

This procedure is applicable to Comanche Peak Unit 1 only.

3.0 INSTRUCTION

3.1 TRAVELER CONTROL

Construction shall provide the QC Inspector with the appropriate traveler for the area to be inspected.

CONTROLLED COPY.
CONTROL NO. PCI-CC5

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The Inspector will perform the inspection and complete the Traveler in accordance with Section 3.2 and (Reference 1-A) instruction. If an inspection is not completed during a shift, the point at which the inspection and/or coating operation is terminated shall be noted in the "Comments" section of the Traveler.

3.2 COMPLETION OF INSPECTION TRAVELER

The scope of the traveler shall properly delineate what work is to be completed on an item/area. An Inspector is not required to verify previous coating work documentation, except as delineated in Section 3.5. The Inspector shall document in the "Comments" section of the traveler exactly what he is inspecting and will be responsible only for that portion when he accepts the work and signs the traveler (i.e., "spot repair on a previously coated item").

Clarification of data or minor additions to the traveler may be performed by the QC Inspector as deemed necessary. The Paper Flow Group shall be notified of such changes as soon as possible.

The "Inspector" and "Review" spaces on each traveler shall be signed (not initialed) by the responsible personnel.

The "Prepared By" space on each traveler shall be signed by the party filling in the top portion of the traveler.

The inspection attributes, (as defined in Reference 1-B and 1-C,) shall be listed on the traveler. Any special or additional conditions may be noted in "Comments" section. When any step on the traveler is not applicable, the Inspector shall enter "N/A" and initial and date the entry.

General instructions for completing the respective blocks and sections of the traveler are outlined below (refer to Attachments 1 and 2):

Heading: The PFG shall assign Inspection Traveler numbers and complete other information required in the heading. Unique numbers shall be assigned per Section 5.1 of this procedure.

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Steps 1-4:
(1-7 for
concrete)

The Inspector shall verify that inspection requirements were met per applicable inspection procedure. If the item/area is not acceptable the inspector shall inform construction of the procedural requirements to achieve an acceptable condition and after corrective action is complete, reinspect. In addition, if questions arise concerning inaccessible or limited access areas per (Reference 1-D) and/or non-deleterious embedded foreign material in the final finish coat, the above condition(s) will be evaluated by the Project Civil Engineer or designee. Clarification and acceptance of the above stated condition(s) shall be so denoted by signature of the engineer with date and comments as required, in the comments section of the applicable step.

Step 5:
Step 8 for
concrete)

The completion of the Inspection Traveler shall be verified by the Lead QC Inspector or the PFG Reviewer, per Reference 1-E.

Entry #:

The inspector shall record sequentially each entry made during the inspection process.

Step :

The inspector shall record the number of the step being performed.

Applicators:
Qualified

The inspector shall record the applicator's badge number and method of application. State brush or spray as applicable.

Batch Log #:

The inspector shall record the coating batch log number.

Min, Max, Avg:
DFT

The inspector shall record the minimum, maximum and average dry film thickness.

Instr. Used:

The inspector shall record M&TE numbers of instrumentation used. (Reference 1-F)

Loc ID:

The inspector shall identify any division smaller than the original description of the Traveler in accordance with the following:

- a. For concrete surfaces, the inspector shall mark up the attached drawings included in the traveler package to correspond with each section worked at a particular time. Each section will be

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given a unique letter or number and that number will correspond with the one listed in the location identification (Loc ID) on the back side of the traveler.

- b. For steel surfaces, the inspector shall include a sketch (8½ x 11) which will identify sections as worked and will assign a unique number or letter to each section which will correspond with the one listed in (Loc ID) on the back side of the traveler. If the sketch required necessitates the services of a draftsman, a request shall be submitted to the Paper Flow Group via three (3)-part memo.

Sat/Unsat: The inspector shall mark this block "SAT" upon successful completion of the inspection step. If any unsatisfactory condition occurs the inspector shall mark this block "UNSAT" and record the conditions in the "comments" section. A new entry shall be made by a qualified inspector at the time of reinspection to clear the unsatisfactory condition. When a non-conforming condition (Reference 1-B and 1-C) is noted it shall be reported in accordance with Reference 1-G and the NCR number shall be placed on the appropriate entry in the comments section.

Insp. Signature: The inspector shall sign upon completion of each entry.

Date, Time: The inspector shall record the date and time of completion of each entry. In addition the start and completion time of the coating application to verify cure and duration of application shall be recorded.

Comments: The inspector may note any additional information as needed in this section.

3.3 REPAIRS

Repairs shall be documented on the Traveler in accordance with Section 3.2 of this instruction. A sketch may be attached for additional clarification.

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<p>3.4 NONCONFORMANCE REPORTS</p> <p>Nonconformance Reports which are generated shall be noted in the "Comments" section of the Traveler by NCR number and conditions. (Reference 1-G)</p> <p>3.5 Travelers which are written to supercede Inspection Reports shall have the report number and the unsat condition, if applicable, described on the Traveler Supplemental Sheet, Attachment 3. When necessary, a copy of the Inspection Report will be attached to the traveler for clarification purposes.</p> <p>Travelers that reference Unsat Inspection Reports will be reviewed by Quality Control for the following as a minimum.</p> <ol style="list-style-type: none"> 1. Correct IR number 2. Description of unsat condition 3. Location or item number <p>When the traveler reference is correct the Unsat Inspection Report will be closed with the following (or similar) statement: "This Inspection Report has been superceded by PCI Traveler # _____ and is therefore closed" followed by the reviewing inspector's signature and date.</p> <p>3.6 NCR's that require repair or rework shall be documented on a traveler with a copy of the NCR attached.</p> <p>3.7 DAMAGED AREAS AFTER WORK COMPLETION</p> <p>Areas that have been completed, inspected, accepted and traveler package closed which may become damaged at a later date may be repaired, inspected and documented on Attachment 4, Steel Protective Coating Inspection Repair Traveler or Attachment 5, Concrete Protective Coating Inspection Repair Traveler, as applicable. These repair travelers will be completed in accordance with Section 3.2 of this procedure.</p> <p>3.8 Additional supporting documentation sheets, Attachment 6 for steel surfaces and Attachment 7 for concrete surfaces, may be used when necessary (i.e., traveler back side completely full, etc.).</p> <p>4.0 <u>EXCLUSION AREAS</u></p> <p>4.1 CLARIFICATION/DEFINITION</p>				

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4.1.1 Exclusion areas are defined as areas which are scheduled to be painted but, due to limited or no access are not possible to be painted at the present time, and are beyond the control of protective coatings craft or quality control.

4.2 Building management and/or the Paper Flow Group (PFG) shall determine the legitimacy of excluding an area.

4.3 Areas which are determined as exclusions shall be so noted on the original traveler and a new traveler will be generated by PFG to encompass the exclusion(s).

5.0 PROCESSING OF DOCUMENTATION

5.1 TRAVELERS

5.1.1 The Paper Flow Group (PFG) shall assign unique numbers to each protective coating inspection traveler (Attachments 1 and 2) per the following:

5.1.1.1 Numbers shall be alphanumeric and sequential.

5.1.1.2 The letter designation shall be PCI.

5.1.1.3 The letter designation shall be followed by a -1 for Unit 1.

5.1.1.4 The -1 shall be followed by a sequential number beginning at 000001.

EXAMPLE: The first protective coating inspection traveler would be numbered PCI-1-000001.

5.1.2 Upon completion of the inspection travelers, Step 8 of the concrete coatings inspection traveler and/or Step 5 of the steel coatings inspection traveler shall be signed by the lead QC Inspector or the PFG Reviewer upon review and acceptance.

5.1.3 After acceptance by QC, the travelers will be processed through the PFG whom shall provide the log tracking in the field, review, and transmittal to the QA Records Vault after completion of the final area walkdowns.

5.1.3.1 The PFG shall not transmit any inspection travelers to the vault that do not have review signatures.

5.2 ENVIRONMENTAL LOGS

5.2.1 The QC inspector shall complete the Environmental Log, Attachment 8, as per the applicable inspection procedure, QI-QP-11.4-26 or QI-QP-11.4-27.

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5.2.2 After review and approval by the QC Lead Inspector, the Environmental Log shall be sent to the PFG.

5.2.3 The PFG shall assign unique numbers to each Environmental Log per the following:

5.2.3.1 Numbers shall be alphanumeric and sequential.

5.2.3.2 The letter designation shall be EL.

5.2.3.3 The letter designation shall be followed by a -1 for Unit 1.

5.2.3.4 The -1 shall be followed by a sequential number beginning at 000001.

EXAMPLE: The first Environmental Log would be numbered EL-1-000001.

5.2.4 After acceptance by QC, the Environmental Log will be processed through the PFG whom shall provide log tracking in the field and transmittal to the QA Records Vault.

5.3 PAINT MIXING LOG

5.3.1 The QC Inspector shall complete the Paint Mixing Log, Attachment 9, as per the applicable inspection procedure, QI-QP-11.4-26 or QI-QP-11.4-27.

5.3.2 After review and approval by the QC Lead Inspector, the Paint Mixing Log shall be sent to the PFG.

5.3.3 The PFG shall assign unique numbers to each Paint Mixing Log per the following:

5.3.3.1 Numbers shall be alphanumeric and sequential.

5.3.3.2 The letter designation shall be PM.

5.3.3.3 The letter designation shall be followed by a -1 for Unit 1.

5.3.3.4 The -1 shall be followed by a sequential number beginning at 000001.

EXAMPLE: The first Paint Mixing Log would be numbered PM-1-000001.

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5.3.4 After acceptance by QC, the Paint Mixing Log will be processed through the PFG whom shall provide log tracking in the field and transmittal to the QA Records Vault.

5.4 TRACEABILITY MAPS/DRAWINGS

5.4.1 The drawings prepared by the PFG and shown on Attachment 10 provide traceability from the traveler packages to the installed coating systems in Reactor Unit 1 by code numbers.

5.4.2 After the completion of all coating work and closure of the traveler documentation, the drawings listed on Attachment 10 shall be transmitted to the QA Records Vault by the PFG.

6.0 ATTACHMENTS

6.1 Attachment 1, "Steel Protective Coating Inspection Traveler" (Reference 1-B)

6.2 Attachment 2, "Concrete Protective Coating Inspection Traveler" (Reference 1-C)

6.3 Attachment 3, "Traveler Supplemental Sheet to Supersede Unsat IR's"

6.4 Attachment 4, "Steel Protective Coating Inspection Repair Traveler" (Reference 1-B)

6.5 Attachment 5, "Concrete Protective Coating Inspection Repair Traveler" (Reference 1-C)

6.6 Attachment 6, "(Steel) Protective Coatings Inspection Traveler Supporting Documentation"

6.7 Attachment 7, "Concrete Protective Coatings Inspection Traveler Supporting Documentation"

6.8 Attachment 8, "Environmental Log Sheet" (Reference 1-B & 1-C)

6.9 Attachment 9, "Paint Mix Slip" (Reference 1-B & 1-C)

6.10 Attachment 10, "Traceability Maps"

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ATTACHMENT 1

STEEL PROTECTIVE COATING INSPECTION TRAVELER	
WORK PKG. #	PCI TRAVELER #
ELEVATION:	ITEM # / DESCRIPTION
REF. DWGS.	
PREPARED BY: _____ DATE: _____	
STEP 1	SURFACE PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP11.4-28 AND RELEASED FOR PRIMER APPLICATION. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 2	PRIMER APPLICATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP11.4-28 AND RELEASED FOR FINISH COAT APPLICATION. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 3	FINISH COAT APPLICATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP11.4-28 INSPECTOR _____ DATE _____ COMMENTS _____
STEP 4	FINISH COAT INSPECTED FOR FINAL ACCEPTANCE AND FOUND ACCEPTABLE PER QI-QP11.4-28 INSPECTOR _____ DATE _____ COMMENTS _____
STEP 5	COMPLETION OF INSPECTION TRAVELER VERIFIED. REVIEW _____ DATE _____ COMMENTS _____
NOTES	1) DOCUMENT INSPECTION ATTRIBUTES ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S) 2) DOCUMENT REPAIRS AND ATTRIBUTES, IF REQUIRED, ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S) 3) FOR ENVIRONMENTAL CONDITIONS REFERENCE THE ENVIRONMENTAL LOG.

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ATTACHMENT 2

CONCRETE PROTECTIVE COATING INSPECTION TRAVELER	
WORK PKG. #	PCI TRAVELER #
ELEVATION	ITEM # / DESCRIPTION
REF. DWG.	
PREPARED BY:	DATE
STEP 1	SURFACE PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-27 AND RELEASED FOR NUTEC II'S APPLICATION. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 2	NUTEC II'S SURFACER APPLICATION VERIFIED AND INSPECTED IN ACCORDANCE WITH QI-QP 11.4-27 AND FOUND ACCEPTABLE. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 3	NUTEC II'S SURFACER PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-27 AND RELEASED FOR FURTHER COATING ACTIVITIES. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 4	NUTEC II SURFACER APPLICATION VERIFIED AND INSPECTED IN ACCORDANCE WITH QI-QP 11.4-27 AND FOUND ACCEPTABLE. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 5	NUTEC II SURFACER PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-27 AND RELEASED FOR FURTHER COATING ACTIVITIES. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 6	NUTEC II TOPCOAT APPLICATION VERIFIED AND INSPECTED IN ACCORDANCE WITH QI-QP 11.4-27 AND FOUND ACCEPTABLE. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 7	FINISH COAT INSPECTED FOR FINAL ACCEPTANCE AND FOUND ACCEPTABLE IN ACCORDANCE WITH QI-QP 11.4-27 INSPECTOR _____ DATE _____ COMMENTS _____
STEP 8	COMPLETION OF INSPECTION TRAVELER VERIFIED. REVIEW _____ DATE _____ COMMENTS _____
NOTES	1) DOCUMENT INSPECTION ATTRIBUTES ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S) 2) DOCUMENT REPAIRS AND ATTRIBUTES, IF REQUIRED, ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S) 3) FOR ENVIRONMENTAL CONDITIONS REFERENCE THE ENVIRONMENTAL LOG. 4) DOCUMENT NUTEC 10 APPLICATION ON ATTACHED SUPPORTING DOCUMENTATION SHEET.

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ATTACHMENT 4

STEEL PROTECTIVE COATING INSPECTION REPAIR TRAVELER	
WORK PKG. #	SUPPLEMENTAL TO PCI TRAVELER #
ELEVATION	ITEM # / DESCRIPTION
REF. DWGS.	
PREPARED BY:	DATE _____ SHT. _____ OF _____
STEP 1	<p>SURFACE PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-28 AND RELEASED FOR PRIMER APPLICATION.</p> <p>INSPECTOR _____ DATE _____</p> <p>COMMENTS _____</p>
STEP 2	<p>PRIMER APPLICATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-28 AND RELEASED FOR FINISH COAT APPLICATION.</p> <p>INSPECTOR _____ DATE _____</p> <p>COMMENTS _____</p>
STEP 3	<p>FINISH COAT APPLICATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-28</p> <p>INSPECTOR _____ DATE _____</p> <p>COMMENTS _____</p>
STEP 4	<p>FINISH COAT INSPECTED FOR FINAL ACCEPTANCE AND FOUND ACCEPTABLE PER QI-QP 11.4-28</p> <p>INSPECTOR _____ DATE _____</p> <p>COMMENTS _____</p>
STEP 5	<p>COMPLETION OF INSPECTION TRAVELER VERIFIED.</p> <p>REVIEW _____ DATE _____</p> <p>COMMENTS _____</p>
NOTES	<p>1) DOCUMENT INSPECTION ATTRIBUTES ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S)</p> <p>2) DOCUMENT REPAIRS AND ATTRIBUTES, IF REQUIRED, ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S)</p> <p>3) FOR ENVIRONMENTAL CONDITIONS REFERENCE THE ENVIRONMENTAL LOG.</p>

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ATTACHMENT 5

CONCRETE PROTECTIVE COATING INSPECTION REPAIR TRAVELER	
WORK PLOT NO. _____	SUPPLEMENTAL TO PCI TRAVELER # _____
ELEVATION: _____	ITEM NO / DESCRIPTION _____
REF DWGS. _____	
PREPARED BY: _____	DATE _____ SHT _____ OF _____
STEP 1	SURFACE PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-27 AND RELEASED FOR NUTEC II'S APPLICATION. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 2	NUTEC II'S SURFACER APPLICATION VERIFIED AND INSPECTED IN ACCORDANCE WITH QI-QP 11.4-27 AND FOUND ACCEPTABLE. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 3	NUTEC II'S SURFACER PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-27 AND RELEASED FOR FURTHER COATING ACTIVITIES. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 4	NUTEC II SURFACER APPLICATION VERIFIED AND INSPECTED IN ACCORDANCE WITH QI-QP 11.4-27 AND FOUND ACCEPTABLE. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 5	NUTEC II SURFACER PREPARATION INSPECTED AND FOUND ACCEPTABLE PER QI-QP 11.4-27 AND RELEASED FOR FURTHER COATING ACTIVITIES. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 6	NUTEC 1201 TOPCOAT APPLICATION VERIFIED AND INSPECTED IN ACCORDANCE WITH QI-QP 11.4-27 AND FOUND ACCEPTABLE. INSPECTOR _____ DATE _____ COMMENTS _____
STEP 7	FINISH COAT INSPECTED FOR FINAL ACCEPTANCE AND FOUND ACCEPTABLE IN ACCORDANCE WITH QI-QP 11.4-27 INSPECTOR _____ DATE _____ COMMENTS _____
STEP 8	COMPLETION OF INSPECTION TRAVELER VERIFIED. REVIEW _____ DATE _____ COMMENTS _____
NOTES	1) DOCUMENT INSPECTION ATTRIBUTES ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S) 2) DOCUMENT REPAIRS AND ATTRIBUTES, IF REQUIRED, ON ATTACHED SUPPORTING DOCUMENTATION SHEET(S) 3) FOR ENVIRONMENTAL CONDITIONS REFERENCE THE ENVIRONMENTAL LOG. 4) DOCUMENT NUTEC 1201 APPLICATION ON ATTACHED SUPPORTING DOCUMENTATION SHEET.

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ATTACHMENT 9

PAINT MIX SLIP

Report No. _____

Bldg. _____

DATE _____ POT LIFE _____ SHIFT _____ TIME _____
 MIX NUMBER _____ ELEVATION _____
 MATERIAL _____ GAL. MIXED _____
 SHELF LIFE ACCEPTABLE: YES _____ NO _____ MATE #'S _____
 DATE & TIME MIXED _____ BASE _____
 CURING AGENT _____ FILLER _____ THINNER _____
 ACCEPTED BY _____

DATE _____ POT LIFE _____ SHIFT _____ TIME _____
 MIX NUMBER _____ ELEVATION _____
 MATERIAL _____ GAL. MIXED _____
 SHELF LIFE ACCEPTABLE: YES _____ NO _____ MATE #'S _____
 DATE & TIME MIXED _____ BASE _____
 CURING AGENT _____ FILLER _____ THINNER _____
 ACCEPTED BY _____

DATE _____ POT LIFE _____ SHIFT _____ TIME _____
 MIX NUMBER _____ ELEVATION _____
 MATERIAL _____ GAL. MIXED _____
 SHELF LIFE ACCEPTABLE: YES _____ NO _____ MATE #'S _____
 DATE & TIME MIXED _____ BASE _____
 CURING AGENT _____ FILLER _____ THINNER _____
 ACCEPTED BY _____

QC REVIEW & ACCEPTANCE _____ signature _____ date _____

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ATTACHMENT 10

TRACEABILITY MAPS

DRAWING NUMBER	TITLE	SHEETS	ELEVATION
PFG-RIC-500-00	Drawing List	1 of 1	N/A
PFG-RIC-500-01	Unit 1 Reactor Cavity	1 of 1	783'-7"
PFG-RIC-501-01	Unit 1 Quad 1	1-5	808'-0"
PFG-RIC-501-02	Unit 1 Quad 2	1-4	808'-0"
PFG-RIC-501-03	Unit 1 Quad 3	1-2	808'-0"
PFG-RIC-501-04	Unit 1 Quad 4	1-4	808'-0"
PFG-RIC-501-05	Unit 1 Compartment 1	1-5	808'-0" 905'-9"
PFG-RIC-501-06	Unit 1 Compartment 2	1-5	808'-0" 905'-9"
PFG-RIC-501-07	Unit 1 Compartment 3	1-5	808'-0" 905'-9"
PFG-RIC-501-08	Unit 1 Compartment 4	1-5	808'-0" 905'-9"
PFG-RIC-501-09	Refueling Cavity Skimmer Pump	1 of 1	808'-0"
PFG-RIC-501-10	Incore Instrument Room	1 of 1	808'-0"
PFG-RIC-502-01	Unit 1 Quad 1	1-4	832'-6"
PFG-RIC-502-02	Unit 1 Quad 2	1-3	832'-6"
PFG-RIC-502-03	Unit 1 Quad 3	1-2	832'-6"
PFG-RIC-502-04	Unit 1 Quad 4	1-7	832'-6"
PFG-RIC-502-05	Unit 1 Incore Instrument Room	1 of 1	832'-6" 849'-0"
PFG-RIC-503-01	Unit 1 Quad 2 and 4	1-13	860'-0" 905'-9"
PFG-RIC-503-02	Unit 1 Quad 2 and 3	1-7	860'-0" 905'-9"
PFG-RIC-503-03	Unit 1 Reactor Corridor	1 of 1	860'-0"
PFG-RIC-504-01	Unit 1 Quad 1 and 4	1-2	905'-9"
PFG-RIC-504-02	Unit 1 Quad 2 and 3	1 of 1	905'-9"
PFG-RIC-504-03	Unit 1 Pipe Chase Mezz and Main Steam Pen	1 of 1	885'-6" 897'-6"
PFG-RIL-500-01	Unit 1 Liner Development	1-2	806'-6" 1068'-0"
PFG-RIE-500-01	Unit 1 Stairway Elevations	1-1	N/A
PFG-RIE-504-01	Unit 1 Ederer Crane	1-2	905'-9"
PFG-RIE-504-02	Unit 1 Polar Crane	1-2	950'-7"
PFG-RIE-504-03	Unit 1 Orbital Service Crane	1-2	1,000'-6"
PFG-RIE-503-01	Unit 1 Containment Fuel Storage Crane	1-1	860'-0"
PFG-RIE-503-02	Unit 1 Manipulator Crane	1-1	860'-0"
PFG-RIE-503-03	Unit 1 Roll Away Missile Shield	1-1	860'-0"
PFG-RIE-503-04	Unit 1 Operators Work Platform	1-1	860'-0"
PFG-RIE-504-04	Unit 1 Reactor Head Lift Rig	1-1	905'-9"
PFG-RIS-504-01	Unit 1 CT Pipe Supports	1-2	1021-1065
PFG-RIS-504-02	Unit 1 Polar Crane Support Location	1 of 1	947'-9"
PFG-RIS-504-03	Unit 1 Rotating Platform Supports	1-3	1,000'-6"