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SUMMARY OF MEETING
BETWEEN MPQAD AND
NRC REGION III PERSONNEL HELD AT
NRC REGION III OFFICERS ON
FEBRUARY 29, 1984

On February 29, 1984 MPQAD and NRC Region III personnel (attendance sheet attached) met from approximately 8:30 AM to 11:30 AM to discuss:

1. Results of NRC HVAC inspections and investigation of allegations;
2. Expansion of MPQAD training, qualification, and certification activities;
3. Audit MSA-83-25 concerning MPQAD training, qualification and certification activities;
4. MPQAD activities relating to failed recertification candidates;
5. Miscellaneous Items.

A summary of these items follows:

1. HVAC

Participants

NRC	MPQAD
RGardner	HPLeonard
JJHarrison	RAWells
RLandsman	
RFWarnick	
WKeyes	
FHawkins	

During this portion of the meeting NRC Region III personnel reviewed the results of inspections and investigation into allegations relating to HVAC work. It was stated that the inspections and investigation was conducted by five (5) Region III and three (3) NRR personnel and included a total of 1142 manhours.

DRAFT

The results of the investigation were that the allegations will be closed out. The NRC will be issuing nine items of noncompliance all at Severity Level 4 and 5.

This portion of the meeting was concluded with Region III personnel stating they were satisfied with the HVAC work and that the QA Program was being effectively implemented. The formal report will follow shortly.

2. Training, Qualifications and Certification

Participants

NRC	MPQAD
RGardner	DEBeaudoin
JJHarrison	GFEwert
RLandsman	HPLeonard
RWarnick	HNunes
	RAWells

During this portion of the meeting HNunes and DEBeaudoin presented expansions planned for the training, qualification, and certification processes within MPQAD. (A copy of the overheads used is attached to this summary as Attachment A).

The presentation was introduced by RAWells who indicated that the expansion is not contrary to the training, qualification, and certification commitments outlined in the Construction Completion Program. During the presentation questions were raised concerning training methods and examination methods. The responses indicated that methods would be used as appropriate as outlined in MPQAD Procedures. Also, that oral examinations would not be used by the Training Branch, but

DRAFT

3

would continue to be part of the on-the-job training and performance demonstration process.

This portion of the meeting was concluded with the understanding that MPQAD would proceed, as long as the expansion met regulatory requirements, CCP commitments and MPQAD Procedures.

3. Audit MSA-83-25

Participants

NRC	MPQAD
RGardner	GFEwert
JJHarrison	HPLeonard
RLandsman	RAWells

During this portion of the meeting the subject audit was reviewed with Region III personnel. GFEwert opened the review by stating that the audit was full scope and gave the status of findings and unresolved items as follows:

Findings	Unresolved Items
18 Total	9 Total
13 Closed	6 Closed
5 Open	3 Open

Each finding and unresolved item was reviewed. Region III personnel indicated they would review Finding 05F closure during a future site visit. MPQAD indicated that the Bechtel Materials and Quality Services Procedure for NDE personnel qualification would be reviewed to assure it does not have an oral waiver provision for qualification requirements. It was agreed to review the need for the DAD Manager to

DRAFT

4

sign Level III Certifications as long as appropriate site personnel do this. This closed out the review with the NRC other than the above noted items.

4. Recertification Candidates

Participants

NRC	MPQAD
RGardner	GFEwert
JJHarrison	HPLeonard
RLandsman	RAWells

RAWells opened this portion of the meeting by stating that MPQAD was essentially complete with the recertification effort. GFEwert reviewed the status and provided status information as indicated on Attachment B.

GFEwert provided copies of the latest Reinspection Tracking Log and MPQAD Procedure B-5M to Region III personnel. The definition of a Recertification Candidate in the procedure was reviewed as well as the provision for sampling inspection of the Recertification Candidates previous inspections. NRC noted that this information could be significant for review of inaccessible items and future consideration of a sampling program.

It was agreed that the Recertification Candidate program as described in the procedure would remain in effect. Personnel who meet the definition of a Recertification Candidate will be tracked. This is approximately 144 personnel.

This closed out this item with the NRC other than for continued implementation.

DRAFT

5

5. Miscellaneous Items

Participants

NRC MPQAD

JJHarison RAWells JJHarrison and RAWells reviewed items as follows:

1. NCR M01-9-2-172 is to be closed by the week of March 5. The NRC will obtain a copy when on site that week.
2. Status of FCR/FCN SWO and related NCRs was discussed. CP Co said all SWOs except Soils Mechanical were fully released and that should be released soon. Also noted that only three or four NCRs impacted hardware and that they were minor and might be dispositioned use-as-is. Basis for discussions was SWO Matrix and NCR Summary approved by DAT. The meeting ended at approximately 11:30 AM.

CC: GFE
For Notes

NAME	ORGANIZATION	POSITION
R. Gardner	NRC RIII	PROJECT INSPECT
R. Landsman	NRC RIII	Inspector
J. Harrison	NRC RIII	Chief, Midland Se
Loy Wells	CPCO	Ex Eng MPQAD
Gary F Ewert	CPCO	Div. Head
HP LEONARD	CPCO	GEN. SUPT. - MPQAD
HP NUNES	CPCO	GROUP SUPERVISOR - CIVIL PAE
DE BEAUDOIN	CPCO	BRANCH HEAD - TRAINING
RFWarwick	NRC	Director, OSC

GFE

MAR 02 1984

MPQAD RECERTIFICATION CANDIDATE RECAP
(AS OF FEBRUARY 8, 1984)

144 Total Bechtel QC Certified Inspectors During September 1982
-74 Terminated/Not Identified As Candidates For QC Certification MPQAD
-45 Candidates Completed Assigned Requirements
25 Candidates With Outstanding Certification Requirements

1,176 Total PQCI Certifications During September 1982
-703 Terminated/Not Identified Candidate For QC Certification PQCI's
-8 Cancelled PQCI's
-35 Duplicate PQCI Certifications
-218 PQCI's Not Identified For MPQAD QC Recertification
-165 MPQAD Recertified PQCI's
47 PQCI's Requiring MPQAD Recertification

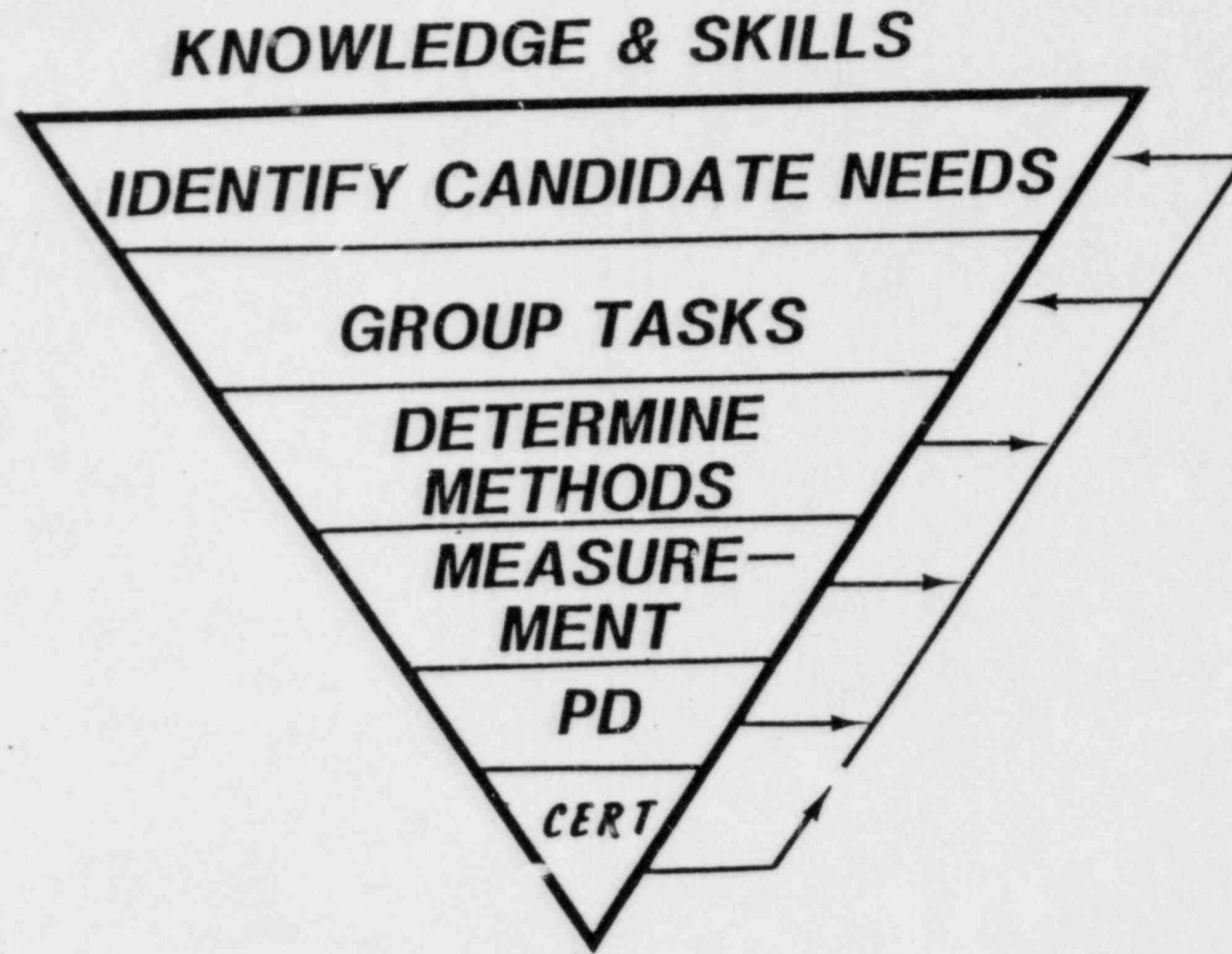


CP CO

**MIDLAND
ENERGY CENTER
CERTIFICATION PROGRAM
EXPANSION**

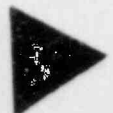
**PRESENTED TO: U.S. NRC, REGION III
ON: FEBRUARY 29, 1984
BY: CP CO MPQAD**

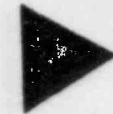
CERTIFICATION PROCESS



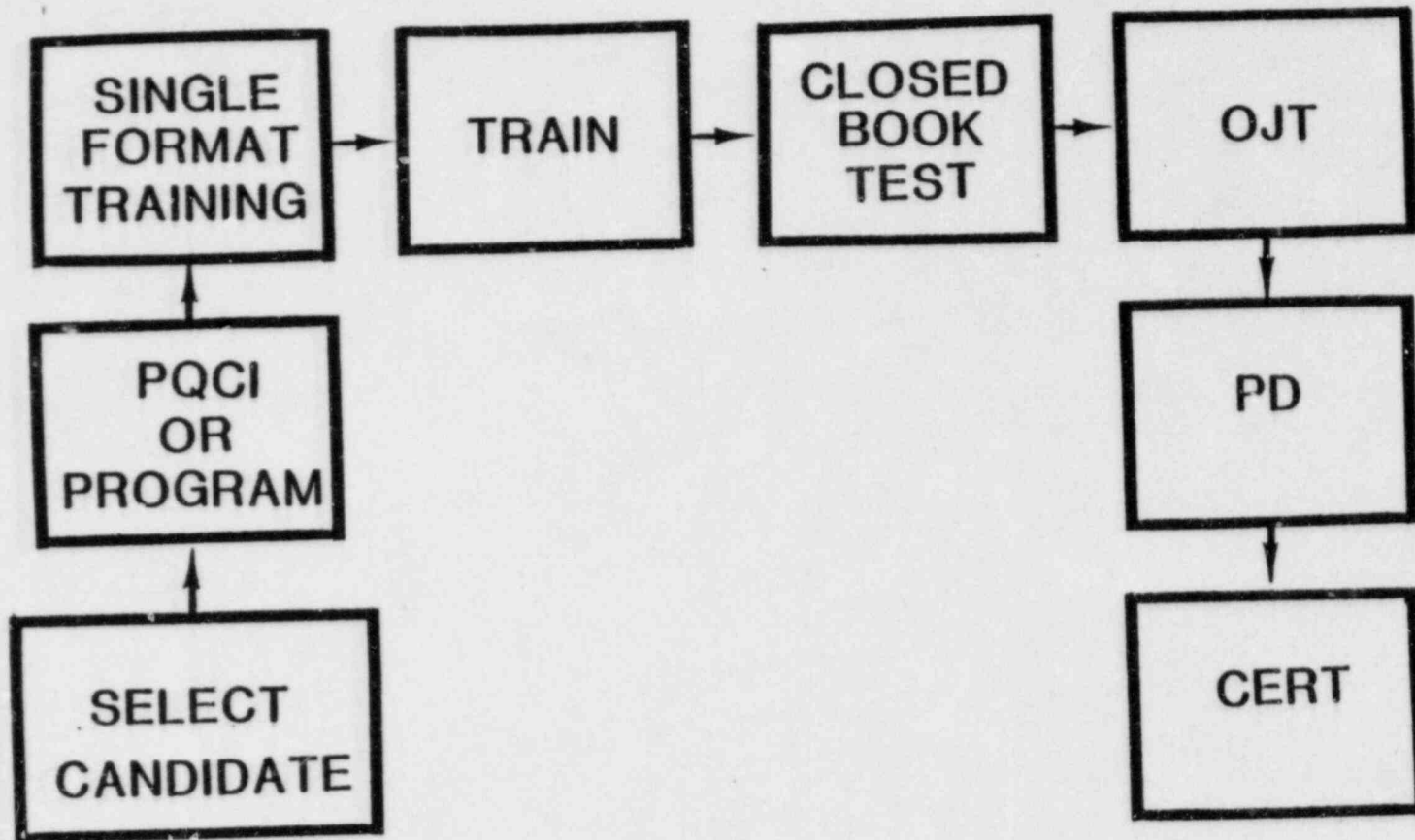
CPCo CERTIFICATION PROCESS

**PURPOSE: DESCRIBE ENHANCEMENTS TO THE
CERTIFICATION PROCESS**

-  **I. TRAIN AND EXAMINE BY KNOWLEDGE
AND SKILL GROUPINGS (INITIAL &
CONTINUING)**

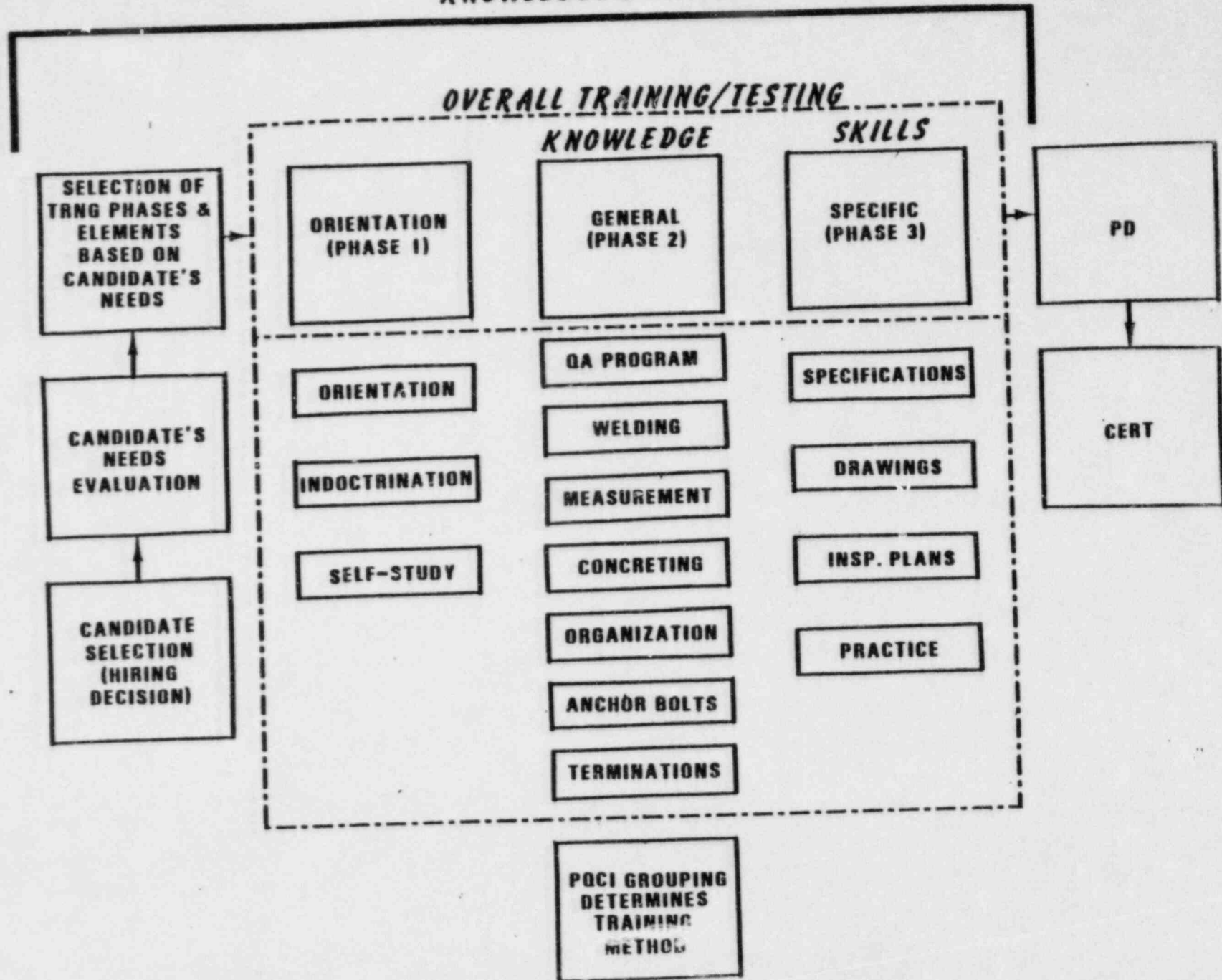
-  **II. TRAIN AND EXAMINE BY THE APPROPRIATE
METHOD**

PRESENT FLOW



ENHANCED FLOW

KNOWLEDGE & SKILLS



PQCI-TASK ANALYSIS MATRIX

TASK	P-2.10	P-2.20	CW-1.00	P-1.90	P-2.30	EW-1.00	CATEGORY LEARNING
GENERAL INSTRUCTIONS							
DEFINE THE LIMITS OF THE INSPECTION	●	●	●	●	●	●	K
REVIEW INSPECTION CRITERIA	●	●	●	●	●	●	K
SCREEN INSPECTION CRITERIA	●	●	●	●	●	●	K
ASSEMBLE INSPECTION CRITERIA	●	●	●	●	●	●	K
DOCUMENT INSPECTION CRITERIA	●	●	●	●	●	●	K
REVIEW COMPLETED IR FOR EXCEPTION	●	●	●	●	●	●	K
PROCESS ANY EXCEPTIONS (NCRs) NOTED	●	●	●	●	●	●	K
CONFIRM M & TE USED IS IN CALIBRATION	●	●	●	●	●	●	K
REVIEW OF SUPPLEMENTARY	●	●	●	●	●	●	K
WELDING							
VISUALLY INSPECT BASE METEL SURFACES	●	●	●		●	●	S
VERIFY NDE OF BASE METEL COMPLETE PRIOR TO WELDING		●	●			●	S
INSPECT WELD JOINT FOR FIT-UP	●	●	●		●	●	S
VERIFY PREHEAT BY MEASUREMENT	●	●	●		●	●	S
REVIEW WELDER QUALIFICATION RECORDS	●	●	●		●	●	K
INSPECT STUD BASE AND BASE METAL FOR FIT-UP			●			●	S
VISUALLY INSPECT FOR BACK GOUGING			●			●	S
VERIFY FILLET WELD FOR SPECIFIED SIZE			●			●	S
INSPECT FOR BASE METAL UNDERCUT			●			●	S
VISUALLY INSPECT FOR FUSION BETWEEN WELD METAL AND BASE METAL			●			●	S
INSPECT WELD(S) THAT RUN ACROSS THE FLANGE OF A STRUCTURAL ELEMENT			●			●	S
VISUALLY INSPECT WELD CONTOUR AND SURFACE APPEARANCE			●	●		●	S

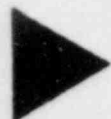
TASK	CATEGORY LEARNING						
	P-2.10	P-2.20	CW-1.0L	P-1.90	P-2.30	EW-1.00	
WELDING (CONT'D)							
INSPECT WELD CONTOUR AND SURFACE APPEARANCE BY MEASUREMENT			●	●		●	S
INSPECT WELDS FOR ELECTRICAL, INSTRUMENTATION SUPPORTS AND EQUIPMENT INCLUDING ATTACH TO BUILDING STRUCTURE			●				S
VISUALLY CHECK FOR WELDER IDENTIFICATION SYMBOL			●			●	S
INSPECT SURFACE PREPARATION FOR NDE			●			●	K
VERIFY STATUS OF NON-DESTRUCTIVE EXAMINATION			●			●	K
REVIEW THE WELDING/INSTALLATION RECORDS			●	●		●	K
PROCESS NDE REQUEST	●	●	●		●	●	K
NOTIFY THE LFWE AND SUPERINTENDENT OF THE STATUS OF THE NDE			●			●	S
VISUALLY INSPECT BASE METAL REPAIR			●			●	S
VISUALLY INSPECT WELD LOCATION			●			●	S
VISUALLY INSPECT COATING OF WELDS AND UNCOVERED METAL OF ELECTRICAL SUPPORTS THAT ARE LOCATED OUTSIDE OF THE CONTAINMENT			●			●	S
COMPLETE QCF-3 FORM			●			●	K
MAINTAIN THE QCF-3 AS PART OF THE IR			●			●	K
VERIFY FE ACCEPTANCE OF THOSE ITEMS WHICH REQUIRE THEIR APPROVAL			●			●	K
INSPECT STUD BASE FOR CLEANLINESS			●			●	S
PIPE SUPPORT INSPECTION							
DESCRIBE ANY INACCESSIBLE ITEMS				●	●		K
VERIFY HOT BENDING OF CARBON STEEL	●	●			●		S
VERIFY CLEANLINESS OF FLUOROGOLD /LUBRITE PLATES	●				●		S
VERIFY DRILLED HOLES ON BASEPLATES					●		S

P - 2.10
P - 2.20
CW - 1.00
P - 1.90
P - 2.30
EW - 1.00
CATEGORY
LEARNING

TASK							
PIPE SUPPORT INSPECTION (CONT'D)							
MEASURE SURFACE BEARING ON BASEPLATES						●	S
VERIFY BASEPLATE SHIM INSTALLATION						●	S
VERIFY TORQUE REQUIREMENTS						●	S
VERIFY PROPER INSTALLATION OF ANCHORS						●	S
VERIFY THE ORIENTATION, LOCATION AND CONFIGURATION OF THE PIPE SUPPORT	●	●				●	S
REVIEW INTERFACING IR's	●	●				●	K
PIPE INSTALLATION INSPECTION							
VERIFY QCE's CERTIFICATION						●	K
VERIFY MINIMUM WALL THICKNESS						●	S
VERIFY UNSPECIFIED WELDS HAVE NOT BEEN ADDED						●	S
VERIFY TEMPORARY ATTACHMENTS HAVE BEEN REMOVED						●	S
INSPECT PIPE FOR DISTORTION						●	S
REVIEW INACCESSIBLE ITEMS RECORDS FOR ACCEPTABILITY						●	K
INSPECT FLANGED JOINTS FOR UNIFORM CONTACT						●	S
VERIFY THAT BOLTING MATERIAL IS CORRECTLY INSTALLED						●	S
VERIFY MATERIAL TRACEABILITY	●	●	●	●	●		K
VERIFY CONFIGURATION, ORIENTATION AND LOCATION						●	S
IDENTIFY SUPPORTIVE DOCUMENTATION						●	K


MEASUREMENT

TECHNIQUE

 ***CLOSED BOOK***

 ***OPEN BOOK***

 ***EXERCISES***

 ***OTHER***

TRAINING METHODS

CLASSROOM

ON-THE-JOB

DIRECTED SELF-STUDY

OTHER

(1)

Training -

02/29/84

(1) CERTIFICATION Program Expansion - open book / matrix
change procedures

(2) Audit - Training - Status

N45.2.6 / SNTC - 1A
18 total items
13 closed

5 open, 4 awaiting ^{much} proc. rev., 1 July

9 unresolved, 6 closed, 2 by mn., 1 april

open • Records - soils / HYAC storage problem to NW. 2.9
micro-film - interim duplicate storage

closed • Level III - demonstrated planning capability, record
keeping problem - 1 individual no record - OK
per other method.

closed • Other certifications - past history - missing documents
Reviewed all inspection affected - OK

closed • Level III - 1 certification expired 1 week prior
to recertification - couple other were
found, system / records problem

closed
who-
record
? • Records don't substantiate that one soils level III was
properly qualified - Reviewed found OK
nuclear experience - 1 year - proc. allowance
for additional training

closed • Certification Records - appropriate experience - Bechtel
cent in question - recertified - OK
Level II

(2)

closed • Level III effectiveness dates prior to certification dates - record keeping problem. Bungle in system.

closed
open • Performance Demonstration - waived/pass less than 100%, 2 cases - QA MPOAD, to be recertified at normal cycle. Checklist N/A items - i.e. attribute did not apply? OK by level III

closed • Level II cert. form - missing record attributes, form didn't net ans. form being revised all records OK.

closed • Soul PD waived - POCI comparison allowed equivalency - matrix comparison -

open • Personnel performing QA activities 100% detailed in procedures all required. Procedures/Matrix being revised. TOPICAL RPT Inter-Departmental Proc Volume II. all CPCs personnel - complete by 7/1

closed • Schedule for training did not allow for 7/1

open
by 3/9 • Waiver of training for POCI not required for records - did not occur except for the equivalent - reviewed - OK waiver now a record requirement

closed • Approval of waiver of verification not evaluate procedural problem -

open
by 3/9 • Training Records in Employee files - not a quality requirement. Proc. being revised

(4)

closed. Training Blank Instructions Not referenced - Not Prepared - INST. revised.

closed. Lesson Plan Summary Review of Key Points Not identified - Plan corrected.

closed. Criteria for NDE Level III certification Not specified - Proc. inadequate. Compliance ok.

unresolved

closed. Resolution of Student: questions Not given back to students - unresolved questions Supervisor route sheet to group - current call ind. is personally contacted. (on NCR's)

open. B3M - B3M1 - do not provide certification to a given area for recertification N45.2.6 How are Supervisor's notified?

open by 3/9. Level III applies 3 months prior to actual certification - old - actual document not issued, proc. to be revised to be required

closed. Oral Exam. - B4M - NDE - had not been utilized old Bechtel requirement - Proc. revised

open? Incorrect Ref. to PQCI B4M vs. Bechtel Proc. Bechtel Proc - allows oral ?? PQCI to be the

closed. Demonstration Level III Knowledge in question for manual ^{copy} to W. Bond, Signature + train. Affix to fact

(5)

closed. AOMN Requirements to physical restrictions for
AOMN Requirement for Limitations for
Level III - application. Proc. revised

closed. MPOAD Training Plan did include applicability
for personnel. Plan being revised
to be more specific by matrix for
each ind. - DA gray-area.

closed. Waiver of training in lieu of Project commitments
was equivalency a CCP Violation - No
review OK