

REPORT TYPE: Subcategory

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This requirement is in conflict with paragraph 6.4.2 which states in part; "If the failed inspection condition has not been corrected, generate a new IRN per paragraph 6.1 and note in reinspection section of the IRN the second failed inspection and reference the new IRN number. Sign off previous IRN as complete.

It is also identified that there was approximately 532 open, Unit 2, IRNs dating back to 1983, that are unresolved. TVA's response was that "while it is possible that a condition noted on an IRN could remain open for a period exceeding 90 days, it is unlikely." The reason QC QCP-1.0" was written to close an IRN upon satisfactory reinspection was to provide a means to trend those items." TVA QA has also stated that a new "Inspection Report Program" will be implemented that "will alleviate the IRN program problems." WBN QA has also compiled a list of 500 plus open IRN's and sent it to Construction Engineering" who are presently working to provide dispositions for closures."

80400-WBN-02 and 80400-WBN-06 issued to describe various discrepancies and dispositioning, voiding and closing of IRNs.

In response to 80400-WBN-02 and 80400-WBN-06 TVA has provided clarification and justification for Engineering disposition of IRN's and issued CAQR WBP870875 RO to identify discrepant conditions found on IRN H-REH 10, in

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addition TVA QA stated that all Category I conduit and supports on Unit 1 WBN are to be reinspected in accordance with Walkdown Procedure WP 3. This procedure establishes a requirement to update the Records Accountability Program.

80400-WBN-03 issued to describe a nonconforming condition on hanger welds that was dispositioned by Engineering utilizing the FCR form rather than the NCR form.

In response to 80400-WBN-03 TVA QA provided clarification to the issue as follows:

"IRN Number W8700985 was written because of a drawing discrepancy in the flare bevel weld symbol and the associated note (6" min. weld) in detail H4-H4 on drawing 47-W970 4R6."

"FCR-E20967 was issued to place the existing 6" minimum weld note in the tail of the flare bevel weld symbol as required per AWS A2.4, Symbols for Welding and Nondestructive Testing." WBN QA response was accepted by QACEG as it clarified the issue in that the IRN was issued to obtain resolution of a drawing discrepancy verses a hardware problem.

CATD 80400 WBN-04 was issued describing that since IRNs are now LOP Records and Watts Bar Quality Assurance, has committed to forward all (available) Pre QCP-1.02 IRN's to Records Storage, no mechanism is in place in QCI-1.08-1 to establish traceability with an IRN and the associated item/component. When retrieving inspection records for components, IRNs are not included.

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WBN 05 has initiated corrective action by submitting a revision request to revise QCI-1.08-1, Attachment A, Part III, to identify IRNs and to add Section 6.2.1.12 which addresses the retrieval method for IRNs previously put in Records Storage.

80400-WBN-05 issued to describe that no controls exist to complete and close IRNs prior to system turnover, the outstanding work items list is not a Life of Plant (LOP) document, and the current revision of QCI 1.22 (transfer of permanent features to nuclear power) Revision 9 does not acknowledge the new Conditions Adverse to Quality Program (CAQ) and requires revision.

In response to 80400-WBN-05 TVA has provided the following:

QCP 1.02 will be revised to require completion/closure of IRNs prior to system turnover. A revision request will be made to QCI 1.22 to require IRNs to be closed prior to system turnover. This will be complete by November 1, 1987.

There is no reason or requirement for the OWIL or punchlist to be maintained as a lifetime document. The OWIL and punchlist are for administrative controls and are not required to be retained. The items on the punchlist and OWIL must be complete prior to final transfer (QCI 1.22, paragraph 6.4.1) and therefore the need to maintain as records is not needed (a prerequisite as defined in the ANSI N45.2.9).

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The Division of Nuclear Construction (DNC) corrective action was accepted by QACEG. "QCI-1.22 will be superseded by CEP-1.22, Revision 0 and Revision Request 741 to QCI-1.22 Revision 9 which addresses CAQRs will be incorporated in CEP 1.22 Revision 0."

CATD 80400-WBN-07 was issued describing that WBN QA Management suppressed the identification of nonconforming conditions noted on vendor supplied items. WBN has responded with an acceptable Corrective Action Plan which commits to re-inspect approximately 12 vendor's components for which deficiencies have been noted. WBN also committed to revise Site Quality Assurance Staff Instruction Letter SQA-SIL-5.6 "Monitoring Activities" to add vendor supplied equipment as an attribute to be monitored. |R6

CATD 80413-WBN-01 was issued because WBN did not have a program in place for the documentation of failed inspections to be retained as a quality record. The CAP superseded QCI-1.02-1 with QCP-1.02-1. QCP 1.02-1 made IRNs a quality document and such are retained for life of plant.

CATD 80106-BLN-03 was also written to identify the fact that QC inspectors write IRNs to document failed inspections and do not retain them as a quality record. BLN has responded with an acceptable Corrective action Plan, which is to revise BNP-QCP-10.43 to make IRNs Quality documents.

QACEG has issued CATD 80204-WBN-01 to identify inaccuracies found in the Trending Program, and to identify that no definition of an Adverse Trend exists. (80200 Subcategory Report)

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Corrective Action of Root Cause Analysis

The Site Engineering and Quality Assurance organizations are responsible to provide correction action resulting from the issue of CATB 80406-WBM-01 resolution.

A sample of 90 significant NCRs selected for review indicated 17 of the NCRs had not had the root cause promptly identified. Upon receipt of TVA's response, it was learned that the sample of significant NCRs taken from the vault were not current working copies and NCR's 6172-K1, 6208, 6224, 6278, 6354 and 6359 had received previous root cause analysis. TVA's response included corrective action for the assignment of root cause to significant NCRs 6210, 6328, 6356, 6416, 6417, W-235-P, W-743-P, W-257-P, W-290-P, W-300-P and W-315-P. Scheduled completion dates for corrective action range between October and November 1987. TVA's response further stated in part; "This situation has been remedied with the implementation of the CAQR program. AI-2.8.5 'condition adverse to quality - corrective actions' delineates in paragraph 6.4.2.2 that the responsible organization will develop a Corrective Action Plan within thirty days of the origination date which will include determination of the root cause of the CAQ, if required. AI 2.8.5 also includes provisions in Section 6.12 for escalation to higher management situations where lower and middle levels of management fail to comply with the timelines and effectiveness of the procedure."

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#### 4.0 COLLECTIVE SIGNIFICANCE

The subcategory results indicated that the systems employed to control the nonconformance program were ineffective in assuring compliance to 10CFR50, Appendix B requirements. Management's inability to consistently translate regulatory requirements and commitments into clear and concise procedures resulted in inadequate implementation by the line organization and conflicting directions. Also, in some instances adequate procedures were in place but were not implemented. Because of these conditions, nonconformances were allowed to remain unidentified and/or uncorrected for extended periods of time. Although the problems had been identified by TVA, NRC INPO and others they were allowed to remain uncorrected or, in some cases, effective preventive action was not taken and problems multiplied to a point where the quality of the TVA nuclear program was highly criticized.

TVA, as part of their recovery effort, has instituted a number of new programs to correct noted problems. Particularly, the TVA CAQ Program, now in effect, has partially corrected the Nonconformance Control and Corrective Action Programs. The new and strengthened programs in place are a significant improvement over past practices, however, their success depends on the ability and willingness of line managers to aggressively pursue their implementation. If commitments made in the Nuclear Performance Plan in this regard are fulfilled, the corrective action program will function effectively.

#### 5.0 ATTACHMENTS

Attachment A, Subcategory Summary Table 80400-

Attachment B, Corrective Action Tracking Documents

ATTACHMENT A

ATTACHMENT B

Corrective Action Tracking Documents

80400-WBN-01 - response received/concur  
80400-WBN-02 - response received/concur  
80400-WBN-03 - response received/concur  
80400-WBN-04 - response received/concur  
80400-WBN-05 - response received/concur  
80400-WBN-06 - response received/concur  
80400-WBN-07 - response received/concur  
80402-BLN-01 - response received/concur  
80402-SQN-01 - response received/concur  
80402-WBN-01 - response received/concur  
80404-WBN-01 - response received/concur  
80405-BFN-01 - response received/concur  
80406-WBN-01 - responses received/concur  
80407-WBN-01 - response received/concur  
80407-BFN-01 - response not received  
80407-BLN-01 - response received/concur  
80408-BLN-01 - response received/concur  
80409-WBN-01 - response received/concur  
80412-WBN-01 - response received/concur  
80412-WBN-02 - response received/concur  
80413-WBN-01 - response received/concur  
80454-NPS-01 - response received/concur  
80106-BLN-03 - response received/concur  
80103-WBN-01 - response received/concur



REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
 UNIT - 1555 - RINI

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

PAGE - 1  
 RUN TIME - 12:21:29  
 RUN DATE - 11/23/87

CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S R D LOC	1 REPORT APPL		HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION # CAT - QA SUBCAT - 804
				2 SAF RELATED	BF BL SQ HB				
BW-QC-10.35-C 01	QA	80408	S BLH	1 H Y H H	2 HA SR HA HA		OECF	MANY TIMES QCIR DISPOSITION IS WRONG OR INADEQUATE. EXAMPLES CITED.	3.7.3
02	QA	80457	S BLH	1 H Y H H	2 HA SR HA HA				
EX -85-039-00401 150146	QH	60200	S HBH	1 H H H Y	2 HA HA HA SS		QTC	THE QUALITY PROGRAM IS INADEQUATE TO HAVE IDENTIFIED ALL NON-COMFORMANCE S, AND WHEN A NON-COMFORMANCE HAS IDENTIFIED, THE IDENTIFIER HAS FREQUENTLY HARASSED TO THE POINT THEY WERE RELUCTANT TO EVER WRITE ANOTHER NON-COMFORMANCE. (NAMES) DETAILS TO THE SPECIFIC CASE ARE KNOWN TO QTC AND WITHHELD TO MAINTAIN CONFIDENTIALITY) CONST. DEPT. CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.1.5
02	QA	80400	S HBH	1 H H H Y	2 HA HA HA SR				
EX -85-177-00101 150223	QA	80413	S HBH	1 H Y H H	2 HA SR HA HA		QTC	A COPY OF AN HCR IS NOT STORED IN THE VAULT, OR ANY OTHER KNOWN DEPARTMENT, UNTIL THE HCR HAS BEEN CLOSED. IF THE IN-PROCESS HCR BECOMES LOST THE ONLY RECORD SHOULD BE THE HCR NUMBER LOG SHOWING AN HCR HAS WRITTEN. CONSTRUCTION DEPARTMENT CONCERN. CI HAS NO FURTHER INFORMATION.	3.12.1
02	QA	80462	S HBH	1 H Y H Y	2 HA SR HA SR				
03	QA	80403	S HBH	1 H H H Y	2 HA HA HA SR				
HE -85-077-110901	QA	80119	S HBH	1 H H H Y	2 HA HA HA HO		HRC	HRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF THE QTC FILE: "FSAR DOES NOT REFLECT CURRENT IIBH ORGANIZATION AND PLANT MANAGER AND ASSISTANT PLANT MANAGER DO NOT MEET FSAR REQUIREMENTS."	3.4.2
02	QA	80454	S HBH	1 H H H Y	2 HA HA HA HO				
HE -85-077-112001	QA	80119	S HBH	1 H H H Y	2 HA HA HA SR		HRC	HRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF THE QTC FILE: "IVA DOES NOT INFORM HRC OF DEVIATION FROM CODES AND STANDARDS."	3.10.3
02	QA	80454	S HBH	1 H H H Y	2 HA HA HA SR				

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
 1 - 1555 - RHH

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPs)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

REF. SECTION 1  
 CAT - QA  
 SUBCAT - 804

CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LUC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	
					2	SAF	RELATED				
					DF	BL	SQ	HD			
-85-129-HHH	01	QA	80402	S	HDI	1	H	H	H	Y	
						2	HA	HA	HA	SS	
	02	QA	80452	S	HDI	1	H	H	H	Y	
						2	HA	HA	HA	SS	
1-85-517-BFH	01	QA	80402	S	BFH	1	Y	Y	H	H	1-85-517-BFH
						2	SS	SS	HA	HA	
	02	QA	80452	S	BFH	1	Y	Y	Y	Y	
						2	SS	SS	SS	SS	
1-86-232-BLH	01	QA	80401	S	BLH	1	H	Y	H	H	
						2	HA	SR	HA	HA	
	02	QA	80451	S	BLH	1	H	Y	H	H	
						2	HA	SR	HA	HA	
111-85-110-00201 150074		111	60300	S	HDI	1	H	H	H	Y	
						2	HA	HA	HA	HO	
	02	QA	80411	S	HDI	1	H	Y	H	Y	
						2	HA	SR	HA	SR	
	03	QA	80460	S	HDI	1	H	Y	H	Y	
						2	HA	SR	HA	SR	

CONCERN DESCRIPTION

CI IS CONCERNED THAT CARS ARE NOT AC  
 TED UPON IN A TIMELY MANNER. CARS A  
 RE NOT NUMBERED WHEN INITIATED, INST  
 EAD THEY ARE NUMBERED WHEN APPROVED  
 BY QA. THIS PROCESS IS ESTABLISHED  
 IN AN CIL. ALSO, DRS INITIATED BY  
 E THROUGH THE SURVEILLANCE GROUP AR  
 E NOT ISSUED UNTIL THE SUPERVISOR AG  
 REES WITH IT.

CI IS CONCERNED THAT CORRECTIVE ACTI  
 ON REPORTS (CARS) AT BROWNS FERRY HU  
 CLEAR PLANT ARE NOT BEING ISSUED IN  
 A TIMELY MANNER AFTER BEING SUBMITTE  
 D BY THE INITIATOR. CI BELIEVES THI  
 S CAN BE ATTRIBUTED TO THE FACT THAT  
 THE HQM PART II, SECTION 7.2 DOES  
 NOT PROVIDE ANY REQUIREMENTS FOR TIM  
 ELINESS.

AN ANONYMOUS INDIVIDUAL CALLED HSR  
 STATING THAT CERTAIN TYPES OF PROBLE  
 MS ARE NOT BEING DOCUMENTED ON THE P  
 IR AND SCR FORMS. THE PROCESS OF WR  
 ITING NOTES (45'S) TO FILES ARE BEIN  
 G STRESSED INSTEAD OF USING THE FORM  
 S. TWO EXAMPLES WERE PROVIDED BY TH  
 E CONCERNED INDIVIDUAL.

INADEQUATE HANDLING OF HCR'S GENERAT  
 ED BY OFFICE OF ENGINEERING PERSONNE  
 L SUCH THAT OF MANAGEMENT CURRENTLY  
 HAS THE CAPABILITY TO "COVERUP" SAFE  
 TY CONCERNS. EXAMPLE, HCR'S WHICH O  
 RIGINATOR STATES ARE SIGNIFICANT AND  
 REPORTABLE TO HRC HAVE BEEN CHANGED  
 TO NON-REPORTABLE BY OF MANAGEMENT  
 (NAMES KNOWN) WITHOUT ORIGINATORS KN  
 OWLEDGE OR CONCURRENCE. ADDITIONAL  
 INFORMATION IN FILE.

3.2.1

3.2.1

3.1.1

3.10.1

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
 UNIT - 1555 - RHH

CATEGORY: QA QA/QC PROGRAMS

REF. SECTION 8  
 CAT - QA  
 SUBCAT - 804

CONCERN NUMBER	CAT	SUB CAT	S R D	P L T L O C	1 REPORT APPL 2 SAF RELATED BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 8
IN -85-247-X0301 150086	QA	80412	S	HDI	1 H H H Y 2 HA HA HA SR		QTC	HCR'S REPORTING CODE ITEM DEFICIENCIES ARE NOT CHECKED AS "ASME" ON THE HCR, THEREFORE AVOIDING REQUIRED REVIEW CYCLE FOR CODE REQUIREMENTS AND APPLICABILITY.	3.11.1
	02	QA 80461	S	HDI	1 H H H Y 2 HA HA HA SR				
IN -85-251-00201 150051	QA	80606	S	HDI	1 H H H Y 2 HA HA HA SR	I-85-436-HDI	QTC	EMPLOYEES PERFORMING WORK REQUIRED BY MAINTENANCE REQUESTS ARE NOT ALLOWED TO WRITE HCR'S OR ADDRESS NONCONFORMANCES NOTED DURING PERFORMANCE OF WORK. CI REFUSED TO GIVE ANY FURTHER INFORMATION.	3.15
	02	QA 80461	S	HDI	1 H H H Y 2 HA HA HA SR				
IN -85-279-00101 150154	QA	80413	S	HDI	1 H Y H Y 2 HA HO HA HO		QTC	NO HCR TRENDDING ANALYSIS PROGRAM. THIS VIOLATES HCR PROCEDURE. CI SHOULD NOT PROVIDE ANY ADDITIONAL DETAILS /SPECIFICS. CONSTR. DEPT. CONCERN. NO FOLLOWUP REQUIRED.	3.15
	02	QA 80462	S	HDI	1 H Y H Y 2 HA HO HA HO				
IN -85-279-00201 150154	QA	80404	S	HDI	1 H H H Y 2 HA HA HA SR	I-85-623-HDI	QTC	FCRS ARE WRITTEN TO CORRECT HCR CONCERN BEFORE HCR IS DISPOSITIONED THEN THE HCR IS VOIDED DUE TO FCR CORRECTING HCR CONCERN. FCRS AND HCRS DO NOT HAVE SAME APPROVAL ROUTE. CI SHOULD NOT PROVIDE ANY ADDITIONAL DETAILS. CONSTR. DEPT. CONCERN. NO FOLLOWUP REQUIRED.	3.3.2
	02	QA 80453	S	HDI	1 H H H Y 2 HA HA HA SR				
IN -85-279-00301 150154	QA	80404	S	HDI	1 H H H Y 2 HA HA HA SS	I-85-623-HDI	QTC	FCRS ARE MISINCORPORATED ONTO DHGS. INSTEAD OF AN HCR BEING WRITTEN TO IDENTIFY THE DISCREPANCY, ANOTHER FCR IS WRITTEN PER PROCEDURE. HOWEVER, MONTHS CAN ELAPSE BEFORE 2ND FCR IS WRITTEN AND WORK/INSPECTION ARE PERFORMED TO INVALID DATA. CI SHOULD NOT PROVIDE ANY ADDITIONAL INFORMATION. CONSTR. DEPT. CONCERN. NO FOLLOWUP REQUIRED.	3.3.2
	02	QA 80453	S	HDI	1 H H H Y 2 HA HA HA SS				

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECP5132J-ECP5132C  
 FREQUENCY - REQUEST  
 QCP - 1555 - RHM

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP5)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

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REF. SECTION #  
 CAT - QA  
 SUBCAT - 804

CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL 2 SAF RELATED OF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -85-279-00601 150155	QA	80406	S	HBN	1 H H H Y 2 HA HA HA NO	11-85-279-006	QTC	HCR'S LIST CAUSE AS "UNKNOWN" TOO FREQUENTLY. CI SHOULD NOT PROVIDE ANY ADDITIONAL DETAILS/SPECIFICS. CONSTR DEPT. CONCERN. NO FOLLOWUP REQUIRED.
	02	QA 80455	S	HBN	1 H H H Y 2 HA HA HA NO			
IN -85-290-00101 150178	QA	80406	S	HBN	1 H H H Y 2 HA HA HA SR		QTC	CI FEELS THAT THE FIELD CHANGE REQUEST (FCR) SYSTEM IS NOT BEING UTILIZED PROPERLY; WHEREAS AN ITEM WILL BE INSTALLED AND A "FCR" WILL BE GENERATED. SINCE THE INSTALLED ITEM DID NOT MEET THE DESIGN REQUIREMENTS AS STATED IN THE DRAWING, THIS CONCERN SHOULD BE A NON-CONFORMING CONDITION (NCR). CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.
	02	QA 80453	S	HBN	1 H H H Y 2 HA HA HA SR			
IN -85-293-00101 150065	QA	80415	S	HBN	1 H H H Y 2 HA HA HA SS	1-85-267-HBN	QTC	HCR 84412 HAS WRITTEN TO ADDRESS UNDERSIZED ORIFICE PLATES IN SYSTEM 67, BOTH UNITS 1 & 2. HCR 84412 HAS DISPOSITIONED TO CHANGE OUT (REPLACE) UNDERSIZED ORIFICE PLATES (PURCHASED FROM MERIAM INST. CO., CLEVELAND, OHIO, CONTRACT 883520-1) WITH NEW ORIFICE PLATES. C/I STATES THAT HCR 84412 HAS BEEN CLOSED BUT THE UNDERSIZED ORIFICE PLATES WERE NOT REMOVED FROM THE SYSTEM. NO DOCUMENTATION EXISTS TO SUPPORT THE CLOSURE OF HCR 84412. NO FURTHER INFORMATION AVAILABLE. NO FOLLOW-UP REQUIRED.
	02	QA 80463	S	HBN	1 H H H Y 2 HA HA HA SS			
IN -85-375-00101 150098	QA	80408	S	HBN	1 H H H Y 2 HA HA HA SR		QTC	INSTRUMENT LINE REJECTED FOR NOT HAVING MATERIAL SPEC, HEAT 8, SIZE, AND GRADE AS REQUIRED BY QCP 3.06-7, BUT ENGINEERING ACCEPTED LINE BY SAYING THAT VERIFYING THOSE PARAMETERS WAS NOT REQUIRED. LATER, ENGINEERING REVISED QCP 3.06-7 TO DELETE THESE VERIFICATION REQUIREMENTS. UNIT 2. CI HAS NO FURTHER INFORMATION.
	02	QA 80457	S	HBN	1 H H H Y 2 HA HA HA SR			

3.5.1

3.3.2

3.13.1

3.7.1

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
 IMP - 1555 - RHM

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

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 RUN DATE - 11/25/87

CATEGORY: QA QA/QC PROGRAMS

REF. SECTION 8  
 CAT - QA  
 SUBCAT - 804

CONCERN NUMBER	CAT	SUB CAT	S N R P L D LOC	1 REPORT APPL 2 SAF RELATED OF BL SQ HD	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -85-375-00201 150096	QA	80408	S HDH	1 H H H Y 2 NA NA NA SR		QTC	WESTINGHOUSE DRAWINGS SPECIFIED NOT ONLY MODEL NO. BUT EXACT INSTRUMENT SERIAL NUMBER ON CERTAIN RELAY RACK MOUNTED INSTRUMENTS. INSTRUMENTS THAT ARE INSTALLED HAVE CORRECT MODEL NO., BUT WERE REJECTED FOR HAVING IN CORRECT SERIAL NUMBERS, PER QCP 3.04-7. ENGINEERING ACCEPTED INSTRUMENTS BY SAYING THAT EXACT SERIAL NO.S ARE NOT REQUIRED, AND ENGINEERING IS CHANGING QCP 3.04-7. (BOTH UNITS) C I HAS NO FURTHER INFORMATION.
02	QA	80457	S HDH	1 H H H Y 2 NA NA NA SR			
IN -85-414-00201 150016	QA	80413	S HDH	1 H H H Y 2 NA NA NA HD	IN-85-414-002	QTC	QC INSPECTORS DO NOT INITIATE AN INSPECTION REJECTION NOTICE UPON REJECTING AN INSPECTION. PER PROCEDURE THEY MUST WAIT UNTIL END OF SHIFT TO INITIATE AN IRN. DURING THE SHIFT THE INSPECTOR MAY HAVE BEEN RE-CALLED NUMEROUS TIMES TO RE-INSPECT THE SAME ITEM AND ALL WERE REJECTED. NO DOCUMENTATION EXISTS TO VERIFY THE REJECTIONS OR CONDITIONS WHY IT WAS REJECTED. NO HCR INVOLVED.
02	QA	80462	S HDH	1 H H H Y 2 NA NA NA HD			
IN -85-414-00401 150016	QA	80413	S HDH	1 H H H Y 2 NA NA NA HD	IN-85-414-004	QTC	AN ITEM THAT IS INSTALLED "OUT OF TOLERANCE" TO A DMO. RECEIVES AN REJECTION BY QC AND IS THEN CUT OUT AND RE-CONSTRUCTED. NO FCR OR HCR TO DOCUMENT THE PROBLEM, ONLY AN IRN.
02	QA	80462	S HDH	1 H H H Y 2 NA NA NA HD			
IN -85-414-00501 150016	QA	80404	S HDH	1 H H H Y 2 NA NA NA HD	IN-85-414-005	QTC	AN ITEM CONSTRUCTED "OUT OF TOLERANCE" TO A DMO, REJECTED BY QC, EVALUATED AS "ACCEPT AS IS" BY ENGINEERING REQUIRES A FCR. NO HCR IS REQUIRED.
02	QA	80453	S HDH	1 H H H Y 2 NA NA NA HD			

3.7.1

3.12.3

3.12.3

3.3.2

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECP5132J-ECP5132C  
 FREQUENCY - REQUEST  
 RNN - 1555 - RNN

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP5)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

PAGE - 6  
 RUN TIME - 12:21:29  
 RUN DATE - 11/23/87

CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S H R D LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 8 CAT - QA SUBCAT - 804	
				2	SAF	RELATED	DF					DL
IN 85-442-00801 150070	QA	80405	S	NDH	1	H	H	H	Y	QIC ENGINEERING EVALUATIONS PER QCP 1.08 ARE BY DEFAULT, BEING UTILIZED TO DISPOSITION NONCONFORMANCES RELATIVE TO DOCUMENTATION ON HARDWARE ITEMS. CI EXPRESSED THAT THE 2 RESOLUTION POSSIBILITIES ON AN ENGINEERING EVALUATION ALL INDICATE THAT THE ITEM IS ACCEPTABLE, REGARDLESS OF THE CONDITION OR AVAILABILITY OF THE DOCUMENTATION. THREE SPECIFIC INSTANCES HERE RELATED TO SUPPORT THIS CONCERN. ON 6/7/85 AN ENGINEERING EVALUATION WAS WRITTEN CONCERNING THE LACK OF INSTALLATION DOCUMENTATIONS ON EN	3.4.1	
	02	HE	50441	S	NDH	1	H	H	H			Y
	03	QA	80253	S	NDH	1	H	H	H			Y
IN 85-457-00201 150034	QA	80406	S	NDH	1	H	H	H	Y	QIC INADEQUATE CONSTRUCTION/DESIGN PROGRAM FOR DETERMINING ROOT CAUSE OF THE NUMEROUS HCR'S WRITTEN AGAINST THE SPENT FUEL POOL RACKS (UNIT 01) DURING VENDOR FABRICATION RECEIPT INSPECTION, INSTALLATION AND HCR'S WRITTEN SUBSEQUENT TO INSTALLATION. PROBLEMS ASSOCIATED WITH THE RACKS ARE AN HCRS OPEN ITEM WITH NO RESOLUTION TO DATE.	3.5.1	
	02	QA	80455	S	NDH	1	H	H	H			Y
IN 85-472-00201 150037	QA	80406	S	NDH	1	H	H	H	Y	QIC INSPECTORS INVOLVED IN THE INSTALLATION OF ERCH (EMERGENCY RAN COOLING WATER) SUPPLY LINES RECEIVED DIRECTION THROUGH THEIR SUPERVISORS, FROM KNOXVILLE TVA ENGINEERING, NOT TO WRITE ANY NONCONFORMANCE REPORTS ON THIS INSTALLATION. SITE ENGINEERS VERBALLY DISPOSITIONED NONCONFORMANCES REPORTED BY INSPECTION PERSONNEL.	3.15	
	02	QA	80441	S	NDH	1	H	H	H			Y

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
 RNN - 1555 - RNN

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CONCERN NUMBER	CAT	SUB CAT	S R D	PLI LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 8 CAT - QA SUBCAT - 804
					2	SAF	RELATED	DF				
IM 85-606-00301 150057	QA	80412	S	HDH	1	H	H	H	Y	QTC	SUPERVISOR REQUIRING NONCONFORMANCE REPORTS TO BE ROUTED THROUGH HIM FOR CONCURRENCE AND APPROVED PRIOR TO BEING ASSIGNED HCR CONTROL NUMBER. THIS IS IN VIOLATION OF THE REQUIREMENTS OF QCP 1.2 AND EFFECTIVELY PREVENTS HIS TRACKING/TRENDING/INDEPENDENT REVIEW OF HCRS WHICH ARE DISAPPROVED BY SUPERVISION FOR ISSUANCE. (DETAILS KNOWN TO QTC)	3.11.1
	02	QA	80461	S	HDH	2	NA	NA	NA			
IM 85-621-00101 150059	QA	80412	S	HDH	1	H	H	H	Y	QTC	ENGINEERS DO NOT PREPARE FORMS FOR MATERIAL NONCONFORMANCES AS REQUIRED BY PROCEDURE AND DO NOT ALWAYS PERSONALLY EXAMINE DISCREPANT MATERIAL PRIOR TO SIGNING DISPOSITION FORMS. (DETAILS KNOWN TO QTC)	3.11.1
	02	QA	80461	S	HDH	2	NA	NA	NA			
IM 85-661-00101 150067	QA	80405	S	HDH	1	H	H	H	Y	QTC	THE CLOSURE OF HCR 85612, INVOLVING SPLICING OF A CABLE TRAY, IS QUESTIONABLE.	3.4.1
	02	QA	80454	S	HDH	2	NA	NA	NA			
IM 85-671-00201 150123	QA	80412	S	HDH	1	H	H	H	Y	I-85-443-HDH QTC	CIVIL/STRUCTURAL INSPECTORS (GENERIC) ARE NOT ISSUING IRN'S/IRN'S WHEN REQUIRED. INSTEAD OF ISSUING IRN'S/IRN'S AS PER PROCEDURE THE INSPECTORS ARE JUST REFUSING TO SIGN OFF INSPECTION POINT. REASON GIVEN HAS THE EXCESSIVE AMOUNT OF TIME REQUIRED TO ISSUE THE PAPERWORK. AS AN EXAMPLE: HELDS HERE REMORCKED ON PACKAGE 8392 -1-64 TIME FRAME: LAST WEEK OF JUNE '85. CONSTRUCTION CONCERN.	3.11.1
	02	QA	80461	S	HDH	2	NA	NA	NA			

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CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	H R P L I D LOC	1 REF-INT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 1 CAT - QA SUBCAT - 804	
				2 SAF	BF	AL	SQ					IB
111 -85-688-00201 150080	QA	80401	5	H	H				1-85-933-HBH	QIC	TVA MANAGEMENT (DEPARTMENT KNOW) HESITANT OR REFUSES TO PROCESS DEFICIENCY REPORTS OR CORRECTIVE ACTION REQUESTS CONCERNING INADEQUATE TVA PROCEDURES, UNLESS THE INADEQUACY IS BASED ON A HIGHER TIER TVA PROCEDURE, WHICH ITSELF MAY BE INADEQUATE. NO FURTHER DETAILS AVAILABLE.	3.2.1
	02	QA	80402	5	H	H						
	03	QA	80452	5	H	H						
111 -85-688-00401 150080	QA	80401	5	H	H				1-85-424-HBH	QIC	TVA MANAGEMENT (NAME KNOWN) PREVENTS NO ISSUANCE AND PROCESSING OF CORRECTIVE ACTION REQUESTS, NAMES AND OTHER DETAILS KNOWN TO QIC. DETAILS WITHHELD TO MAINTAIN CI'S CONFIDENTIALITY.	3.2.1
	02	QA	80402	5	H	H						
	03	QA	80452	5	H	H						
111 -85-830-X0101 150085	QA	80406	5	H	H					QIC	ICR PROGRAM ADDRESSES SPECIFIC ITEMS BUT NOT ROOT CAUSES FOR DESIGN CHANGES. RESPONSIBLE ENGINEERING SECTION RESOLVES PROBLEM IDENTIFIED ON A ICR BUT THE NEED FOR THE DESIGN CHANGE IS NOT IDENTIFIED OR RESOLVED WITHIN THE EXISTING ICR SYSTEM.	3.5.2
	02	QA	80455	5	H	H						
111 -85-855-00101 150090	QA	80413	5	H	H					QIC	THE TVA ICR PROGRAM DOES NOT ALLOW FOR COMPLETE CYCLING OF ALL ICRS REGARDLESS OF VALIDITY/CONTENT. THIS PROGRAM ALSO ALLOWS ICRS TO BE VOIDED WITHOUT COMPLETE JUSTIFICATION.	3.12.3
	02	QA	80462	5	H	H						

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REFERENCE - ECP5132J-ECP5132C  
 FREQUENCY - REQUEST  
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CONCERN NUMBER	CAT	SUB CAT	S R D	H M L	1 REPORT APPL 2 SAF RELATED DF DL SQ HD	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - QA SUBCAT - 804
III -85-862-00101 150224	QA	80404	5	HBM	1 H H H Y 2 HA HA HA SR		QTC	HCR REPORTS SHOULD NOT BE REWRITTEN TO CHANGE THE DECISION OF THE INSPECTOR. SUPERVISORY PERSONNEL CHANGE THE DORING OF HCR AND SIGN OFF THE DOCUMENT. DETAILS KNOWN TO QTC WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. NU C POWER DEPT. CONCERN. CI DECLINED TO PROVIDE ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.	3.3.3
02	QA	80453	5	HBM	1 H H H Y 2 HA HA HA SR				
III -85-867-00101 150093	QA	80404	5	HBM	1 H H H Y 2 HA HA HA SR		QTC	THE EMPHASIS IS PUT ON PRODUCTION RATHER THAN QUALITY AND A LARGE NUMBER OF FCR'S ARE GENERATED AND/OR PROCESSED WITH NO (OR LITTLE) REGARD TO SAFETY AND WITHOUT A THOROUGH ANALYSIS OF THE CONDITION. (CHANGES/DEPTS.) DETAILS KNOWN TO QTC AND RELEASE OF THIS INFORMATION WOULD JEOPARDIZE CI'S CONFIDENTIALITY. NO MORE INFORMATION AVAILABLE. NO FOLLOW UP REQUIRED.	3.3.2
02	QA	80453	5	HBM	1 H H H Y 2 HA HA HA SR				
III -85-887-00201 150255	QA	80408	5	HBM	1 H H H Y 2 HA HA HA SR		QTC	HCR DISPOSAL HGS ARE CHANGED TO SUIT PERSONAL PREFERENCES. (SPECIFICS KNOWN TO QTC, WITHHELD TO MAINTAIN CONFIDENTIALITY OF CI.) NO FURTHER INFORMATION MAY BE RELEASED.	3.7.2
02	QA	80457	5	HBM	1 H H H Y 2 HA HA HA SR				
III -85-900-X0201 150090	QA	80413	5	HBM	1 H H H Y 2 HA HA HA SR		QTC	RESOLUTION/PROCESSING METHODS FOR NONCOMPLYING ITEMS NOTED DURING THE PERFORMANCE OF DOCUMENT REVIEWS ARE NOT SPECIFIED BY PROCEDURE.	3.12.3
02	QA	80462	5	HBM	1 Y Y Y Y 2 SR SR SR SR				

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REFERENCE - ECP5132J-ECP5132C  
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IN -85-973-00501 150156	QA	80409	S	HDI	1 H Y H Y 2 HA SR HA SR		QTC	REJECTABLE ITEMS ARE "ENGINEER EVALUATED" TO DETERMINE ADEQUACY OF ITEM FOR SYSTEM TURNOVER TO POWER. THIS PRACTICE CONSISTS OF PLACING A "X" SYMBOL ON A COMPUTER RUN INDICATING ACCEPTANCE BY EVALUATION BUT THERE IS NO DOCUMENTATION OF THE EVALUATION METHOD. THEN THE ITEM IS TURNED OVER TO POWER. CONSTRUCTION DEPT. CONCERN. BOTH UNITS. CI HAS NO MORE INFORMATION. NO FOLLOW UP REQUIRED.	3.8.1
02	QA	80458	S	HDI	1 H Y H Y 2 HA SR HA SR				
IN -85-973-00101 150258	QA	80415	S	HDI	1 H H H Y 2 HA HA HA SR		QTC	A QUALITY DOCUMENT HAS CLOSED PREMATURELY IN VIEW OF THE FACT THAT VARIOUS ITEMS OF BOTH ASSOCIATED WORK AND PAPERWORK WERE NOT COMPLETE OR CONTAINED DISCREPANCIES AND ERRORS. DETAILS KNOWN TO QTC; WITHHELD TO MAINTAIN CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN.	3.13.1
02	QA	80463	S	HDI	1 H H H Y 2 HA HA HA SR				
IN -85-973-00801 150261	QA	80405	S	HDI	1 H H H Y 2 HA HA HA SR		QTC	MANY OF THE PROBLEMS THAT WERE IDENTIFIED ON AN ICR WERE "EVALUATED AWAY" RATHER THAN FOLLOWING PREESTABLISHED AND VALID PROCEDURAL REQUIREMENTS FOR ACCEPTING HARDWARE. THE HARDWARE SO DISPOSITIONED STILL APPEARS TO BE NONCONFORMING AND WILL PROBABLY BE RE-WORKED PIECEMEAL VIA MAINTENANCE REQUEST. DETAILS KNOWN TO QTC, WITHHELD TO MAINTAIN CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN.	3.4.1
02	QA	80454	S	HDI	1 H H H Y 2 HA HA HA SR				
IN -85-973-01101 150261	QA	80405	S	HDI	1 H H H Y 2 HA HA HA SR		QTC	REWORK OF A NONCONFORMING CONDITION HAS DETERMINED WITHOUT APPROPRIATE INVESTIGATION INTO POTENTIAL ADVERSE EFFECTS OF THIS REWORK. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN.	3.4.1
02	QA	80454	S	HDI	1 H H H Y 2 HA HA HA SR				

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REFERENCE - ECP5132J-ECP5132C  
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CONCERN NUMBER	CAI	SUB CAT	S R D	PLT LOC	1 REPORT APPL 2 SAF RELATED BF BL SQ HD	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -85-998-00201 150100	QA	80413	S	HDI	1 H H H Y 2 HA HA HA SR	I-85-443-HDI	QTC	THE SITE INSPECTION REJECTION NOTICE (IRI) PROGRAM NEEDS IMPROVEMENT. CURRENTLY, RESPONSIBLE DEPARTMENT (KHO) IS NOT REQUIRED TO ENSURE IRI'S ARE CLOSED BEFORE "BUYING OFF" EQUIPMENT. THIS MEANS THAT IRI'S ON OCCASION ARE JUST "LOST". IRI'S SHOULD BE LIFE OF PLANT DOCUMENTS. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.
02	QA	80156	S	HDI	1 H Y H Y 2 HA SR HA SR			
03	QA	80124	S	HDI	1 H Y H H 2 HA SR HA HA			
04	QA	80400	S	HDI	1 H Y H Y 2 HA SR HA SR			
IN -86-087-00301 150120	QA	80404	S	HDI	1 H H Y H 2 HA HA SS HA	I-85-424-HDI	QTC	CORRECTIVE ACTION REQUESTS (CAR) AND DEFICIENCY REPORTS (DRS) ARE NOT ISSUED IN A TIMELY MANNER, WHICH ADVERSELY AFFECTS PROGRAM EFFECTIVENESS. CI EXPRESSED THAT THE DELAYS ARE DUE TO MANAGEMENT'S (KHO) RELUCTANCE TO DOCUMENT SIGNIFICANT CONDITIONS ADVERSE TO QUALITY. AN EXAMPLE PROVIDED WAS THE CAR ON THE CSSC "Q" LIST, WHICH WAS WRITTEN IN FEBRUARY, AND NOT ISSUED UNTIL JULY OR AUGUST. CI STATED THAT THIS HAS A COMMON OCCURRENCE ON THESE TYPES OF DOCUMENTS. FURTHER DETAILS KNOWN TO QTC.
02	QA	80402	S	HDI	1 Y Y H Y 2 SS SS HA SS			
03	QA	80452	S	HDI	1 Y Y Y Y 2 SS SS SS SS			
IN -86-090-00201 150120	QA	80402	S	HDI	1 Y Y H Y 2 SS SS HA SS	I-85-424-HDI	QTC	CAR'S/DR'S ARE NOT ISSUED IN A TIMELY MANNER. PROCEDURE FOR CAR'S (A.1.7.3) PROVIDES FOR A DRAFT CAR TO GO THE INITIATOR'S SUPERVISOR, THEN TO THE AFFECTED ORGANIZATION, THEN BACK TO THE INITIATOR FOR "FINAL DRAFT" BEFORE TYPING. THIS PROCESS HAS TAKEN IN EXCESS OF 3 MONTHS TO GET A CAR ISSUED. EXAMPLES GIVEN TO QTC WITHHELD DUE TO CONFIDENTIALITY. CI HAS NO ADDITIONAL INFORMATION. NUCLEAR POWER CONCERN UNIT 1 & 2 SYSTEMS- VARIOUS, NON-SPECIFIC TIME FRAME ONGOING.
02	QA	80404	S	HDI	1 H H Y H 2 HA HA SS HA			
03	QA	80452	S	HDI	1 Y Y Y Y 2 SS SS SS SS			

REF. SECTION 1  
 CAT - QA  
 SUBCAT - 804

3.1.3

3.2.1

3.2.1

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REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
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IN -86-078-00101 150120	QA	80402	S	HDI	1 Y Y H Y 2 SS SS HA SS	1-85-424-HDI	QTC	CAR/DR NOT ISSUED IN A TIMELY MANNER. ANYONE ISSUING A CAR/DR HAS TO GET IT APPROVED BY THEIR SUPERVISOR PRIOR TO ITS ISSUE. AN EXAMPLE IS THE CAR ON THE CSSC "Q" LIST (WRITTEN FEB. '85) WHICH HAS NOT BEEN ISSUED TO DATE. UNITS 1 & 2. NUC POWER CONCERN. CI HAS NO FURTHER INFORMATION.	3.2.1
02	QA	80452	S	HDI	1 Y Y H Y 2 SS SS HA SS				
IN -86-116-00201 150249	QA	80404	S	HDI	1 H H H Y 2 HA HA HA HO		QTC	ENGINEERS/INSPECTORS SEEM TO GO OUT OF THEIR WAY TO HAVE CONFLICTS WITH THE CRAFT. THEY (ENGINEERS) WILL OFTEN ATTRIBUTE PROBLEMS CAUSED BY ENGINEERING TO THE CRAFT WHEN THE ENGINEERS WRITE IRN'S (CONSTRUCTION, UNIT 1). (NO NAMES GIVEN.) NO ADDITIONAL INFORMATION AVAILABLE IN FILE. NO FOLLOW UP REQUIRED.	3.3.3
02	QA	80453	S	HDI	1 H H H Y 2 HA HA HA HO				
IN -86-153-00101 150131	QA	80413	S	HDI	1 H H H Y 2 HA HA HA HO		QTC	IRN SYSTEM SHOULD BE REEVALUATED. IRN'S SHOULD NOT BE USED IF PROBLEM CAN BE CORRECTED ON THE SPOT. CI HAS NO DETAILS OR FURTHER INFORMATION.	3.12.3
02	QA	80462	S	HDI	1 H H H Y 2 HA HA HA HO				
IN -86-215-00101 150134	QA	80402	S	HDI	1 Y H H H 2 HO HA HA HA	1H-86-215-001	QTC	IVA NEEDS A SIMPLIFIED METHOD FOR EMPLOYEES TO IDENTIFY/REPORT TECHNICAL PROBLEMS. A CENTRAL ORGANIZATION COULD BE ESTABLISHED TO RECEIVE, EVALUATE, AND PROVIDE CORRECTIVE ACTION. THE CURRENT METHOD OF REQUIRING THE EMPLOYEE REPORTING THE PROBLEM TO SHOULDER THE BULK OF THE PAPERWORK (TACFS, FCRS, WORK PLANS, ETC.) CONTRIBUTES TO EMPLOYEES NOT REPORTING PROBLEMS. CI HAS NO ADDITIONAL INFORMATION. NUCPIR, DEPT CONCERN. NO FOLLOW UP REQUIRED.	3.2.2
02	QA	80462	S	HDI	1 Y H H Y 2 HO HA HA HO				
03	QA	80413	S	HDI	1 H H H Y 2 HA HA HA HO				

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CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LUC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION # CAT - QA SUBCAT - 804	
					2	SAF	RELATED	BF					DL
III -86-231-00201 150222	HP	71011	S	HDI	1	H	H	H	H	QTC	DEPT. (KNOHII) IS REQUIRED TO TRACK A HD STATUS HCRS THAT THEY HAVE GENERA TED, AND PROVIDE THE INFORMATION TO HHOEVER IS GOING TO REPRESENT THE DE PT. AT A REGULARLY SCHEDULED STATUS MEETING. FOR DEPT. PERSONNEL TO TRA CK THE STATUS OF THEIR HCRS IS VERY TIME CONSUMING. IT IS BELIEVED THAT THE TRACKING AND STATUING OF HCRS SHOULD BE WITH THE PERSONS RESPONSIB LE FOR RESOLVING THE HCR. CI HAS NO ADDITIONAL INFORMATION. HUC. POWER DEPT. CONCERN.	3.8.2	
	02	QA	80409	S	HDI	1	Y	Y	H				Y
	03	QA	80458	S	HDI	1	Y	Y	Y				Y
III -86-243-00201 150143	QA	80407	S	HDI	1	H	H	H	Y	QTC	RANDOM SAMPLING PLANS (AND RANDOM RE -INSPECTION PLANS) USED TO RESOLVE H CRS MIGHT HAVE NOT BEEN DONE TO ESTA BLISHED RECOGNIZED MIL STANDARDS AND THEREFORE, SAMPLING MAY BE INADEQUA TE I.E. UNIT #1, CONTROL ROOM, 754' ELEV., CONTROL PANELS IVA PERFORMED A 10% PRELIMINARY VERIFICATION OF A S-CONSTRUCTED DRAWINGS TO THE ACTUAL INSTALLATION AND FOUND SO MANY ERRO RS THEY DID A 100% VERIFICATION. A RANDOM RE-INSPECTION HAS DONE, WHIC H IS QUESTIONABLE, AS NO KNOHII MIL S TANDARD HAS	3.6.1	
	02	QA	80456	S	HDI	1	Y	Y	Y				Y
III -86-255-00301 150210	HP	70605	S	HDI	1	H	H	H	H	QTC	IVA MANAGEMENT IS SO QA NEGATIVE THA T THE SITE QA UNIT CAN ONLY IDENTIFY PROBLEMS WHEN THERE IS A CLEAR CUT VIOLATION OF PROCEDURES. (DETAILS K NOHII TO QTC BUT WITHHELD FOR CONFIDE NTIALITY). NUCLEAR POWER DEPT. CONC ERN. CI HAS NO FURTHER INFORMATION.	3.11.1	
	03	QA	80461	S	HDI	1	H	H	H				Y
	04	QA	80412	S	HDI	1	H	H	H				Y

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CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION # CAT - QA SUBCAT - 804		
					2	SAF	RELATED	BF					DL	SQ
IH -86-290-00101 150166	QA	80403	S	HDI	1	H	H	H	Y	I-85-443-HDI	QTC	THE IRH (INSPECTION REJECTION NOTICE) IS STORED IN PLACES OTHER THAN THE VAULT OR DOCUMENT CONTROL AND ARE NOT CONSIDERED QUALITY RECORDS. THE STATUS OF IRHS NEEDS TO BE RECONSIDERED AS QUALITY RECORDS FOR THAT SPECIFIC WORK PLAN/WORK PACKAGE. CONST. DEPT. CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.4.2	
	02	QA	80156	S	HDI	1	H	Y	H					Y
	03	QA	80124	S	HDI	1	H	Y	H					H
	04	QA	80400	S	HDI	1	H	Y	H					Y
HG -85-001-X0301 150217	QA	80407	S	HDI	1	H	H	H	Y	IH-85-887-001	QTC	THE SAMPLING PROGRAMS ASSOCIATED WITH THE CORRECTION METHOD BLOCK ON SEVERAL NONCONFORMING CONDITION REPORTS (NCRS) SUCH AS 2375R, 2019R, 2634R, AS WELL AS OTHERS, DO NOT COMPLY WITH ANSI N45.2 (71) SECTION 11, "...HERE A SAMPLE IS USED TO VERIFY ACCEPTABILITY OF A GROUP OF ITEMS. THE SAMPLING PROCEDURE SHALL BE BASED ON RECOGNIZED STANDARD PRACTICES AND SHALL PROVIDE ADEQUATE JUSTIFICATION FOR THE SAMPLE SIZE AND SELECTION PROCESS". CI IS ANONYMOUS.	3.4.1	
	02	QA	80456	S	HDI	1	Y	Y	Y					Y
OE-QMS-2	01	QA	80405	S	BFI	1	Y	H	Y	H	OECF	CI FEELS THAT CORRECTIVE ACTION TO NCR DFWH8502 IS NOT ADEQUATE AND THAT AT THE NRC SHOULD BE NOTIFIED.	3.4.2	
	02	QA	80454	S	BFI	1	Y	Y	Y	Y				
PH -85-032-00101 150167	QA	80407	S	HDI	1	H	H	H	Y	QTC	SAMPLING PROGRAMS FOR HDWP STRUCTURAL HELDS FOR SUPPORTS. SAMPLING INSTRUCTIONS FOR SUPPORT HELDS FOR NCRS; BASIS FOR SELECTING THE SAMPLE, AND REPRESENTATIVE SAMPLING ARE QUESTIONABLE. THIS IS A GENERIC CONCERN. CI REQUESTED THIS CONCERN TO BE INVESTIGATED BY ERT (QTC).	3.4.1		
	02	QA	80456	S	HDI	1	Y	Y	Y				Y	

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S R D	PL LOC	1 REPORT 2 SAF DF DL SQ IID	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - QA SUBCAT - 804
PH -85-038-00201 150143	QA	80606	S	HDI	1 H H H Y 2 HA HA HA SR		QIC	OFFICE OF ENGINEERING'S PROCEDURE OEP -17 "REPORTING CONDITIONS TO QUALITY" STATES EMPLOYEES WHO IDENTIFY QUESTIONABLE CONDITIONS SHALL WRITE THEM UP AND SUBMIT THEM TO THEIR SUPERVISOR. THE SUPERVISOR SHALL REVIEW, LOG AND ASSIGN A NUMBER TO THE ITEM. CONTRARY TO THE ABOVE AND IN ACCORDANCE WITH AN INFORMAL MEMO ISSUED BY A BRANCH CHIEF (?) IN NUCLEAR POWER WHICH STATES HE "DOESN'T WANT THE SYSTEM CLUTTERED UP WITH UNNECESSARY PAPERWORK." THE SUPERVISORS ARE NOT LOGGING OR	3.11.1
	02	QA	80461	S	HDI	1 H H H Y 2 HA HA HA SR			
SQH-86-002-00401 150254	QA	80402	S	SQH	1 H H Y H 2 HA HA SS HA	1-86-185-SQH	QIC	SPECIFIC SUPERVISION STOPPED CORRECTIVE ACTION ON A QUALITY PROBLEM THAT HAD BEEN IDENTIFIED MONTHS EARLIER. (NAMES/DETAILS KNOWN TO QIC, WITHIN ELDT TO MAINTAIN CONFIDENTIALITY.) NO FURTHER INFORMATION MAY BE RELEASED. NUCLEAR POWER CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOW-UP REQUIRED.	3.15
	02	QA	80461	S	SQH	1 H H Y H 2 HA HA SS HA			
HPI-85-003-00101 150216	QA	80404	S	HDI	1 H H H Y 2 HA HA HA SR	11-85-770-002	QIC	NONCONFORMANCES (ALIGNMENT/LENGTH PROBLEMS) REGARDING EXPANSION JOINT/PENETRATION INSTALLATION WERE RESOLVED WITHOUT PROPER AUTHORIZATION OR WORK PACKAGE/DOCUMENTATION. PENETRATION 33, UNIT 2, AZ. 277 DEGREES, ELEVATION 720, HV. 2 VALVE ROOM. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	3.3.3
	02	QA	80453	S	HDI	1 H H H Y 2 HA HA HA SR			
HI -85-004-00101 150020	QA	80412	S	HDI	1 H H H Y 2 HA HA HA SR		QIC	THE CONCERNED INDIVIDUAL STATED THE ICR PROGRAM HAS NOT IMPLEMENTED PER PROCEDURE. CONCERNED INDIVIDUAL TRIED TO WRITE ICR ON A PALLET OF SHUDBERS THAT HAS STORED IN A HALLWAY UNPROTECTED AND WAS INSTRUCTED NOT TO DO SO. HOWEVER, IN LATE 1980 AN ICR HAS ISSUED FOR THE ABOVE	3.15
	02	QA	80461	S	HDI	1 H H H Y 2 HA HA HA SR			

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
 UNIT - 1555 - RHH

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

PAGE - 16  
 RUN TIME - 12:21:29  
 RUN DATE - 11/23/87

CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LUC	1 REPORT APPL 2 SAF RELATED OF RL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION # CAT - QA SUBCAT - 804
III -85-013-00601 150114	QA	80414	5	HBN	1 H H H Y 2 HA HA HA SR		QIC	THE IRM TREND ANALYSIS PROGRAM DOES NOT REFLECT ANY ACCURATE TRENDS AS REJECTED ITEMS HAVE UNTIL END OF THE SHIFT TO BE CORRECTED BEFORE AN IRM IS WRITTEN. CI HAS NO MORE INFORMATION. (NOTE: THIS ITEM WAS FORMERLY PART OF 003. 006 HAS MADE TO SEPARATE THE ORIGINAL 003 CONCERN INTO TWO DISTINCT CONCERNS. THIS ITEM IS CURRENTLY UNDER ACTIVE INVESTIGATION BY ERT.)	3.15
	02	QA	80462	5	HBN	1 H Y H Y 2 HA SR HA SR			
III -85-030-00401 150100	QA	80415	5	HBN	1 H H H Y 2 HA HA HA SR	III-85-887-001	QIC	INSPECTOR DIRECTED TO SIGN OFF AS ACCEPTABLE, ALL CABLE TRAY SUPPORT FILLET WELDS MADE PRIOR TO FEBRUARY 1981, WITHOUT ADDITIONAL INSPECTION, BASED ON NCR2375R; NCR WAS DISPOSITIONED IN MARCH 1982 AND TVA INTERNAL MEMOS (DATED MARCH 26 & APRIL 5, 1982) WERE ADDRESSED TO ALL FEU INSPECTORS. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.	3.13.1
	02	QA	80463	5	HBN	1 H H H Y 2 HA HA HA SR			
III -85-030-00601 150185	QA	80411	5	HBN	1 H H H Y 2 HA HA HA SR		QIC	10CFR50.55(E) REPORTING IN CONJUNCTION WITH NCR 2111R (FAULTY FILLET WELDS-QC BREAKDOWN) WAS QUESTIONABLE; THE FIRST NOTIFICATION OF NONCONFORMANCES WITH SIMILAR DEFICIENCIES (NCR'S 2806R, 2091R, 2101R 2120R, 2128R, 2137R, & 2375R) WAS NOT MADE UNTIL THE SIXTH INTERIM REPORT WAS ISSUED ON JUNE 17, 1981. THESE NCR'S WERE PREVIOUSLY IDENTIFIED AS NON-SIGNIFICANT. NUC POWER DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.	3.10.2
	02	QA	80460	5	HBN	1 H H H Y 2 HA HA HA SR			

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.



REFERENCE - ECPS132J-ECPS132C  
 FREQUENCY - REQUEST  
 OHP - 1555 - RHM

TENNESSEE VALLEY AUTHORITY  
 OFFICE OF NUCLEAR POWER  
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP)  
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY  
 SUBCATEGORY: 804 NONCONFORMANCE CONTROL AND CORRECTIVE ACTION

PAGE - 18  
 RUN TIME - 12:21:29  
 RUN DATE - 11/23/87

CATEGORY: QA QA/QC PROGRAMS

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL 2 SAF RELATED DF BL SQ HD	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION # CAT - QA SUBCAT - 804
HI -85-100-05401 150218	QA	80409	S	HDI	1 H H H Y 2 HA HA HA SR		QTC	LACK OF KNOWLEDGE (ON SITE AND IN ENDES) AS TO STATUS OF QCIRS AND IRMS. CI HAS NO FURTHER INFORMATION. AN OMBYOUS CONCERN VIA LETTER.	3.8.2
	02	QA	80458	S	HDI	1 H H H Y 2 HA HA HA SR			
XX -85-089-00201 150146	QA	80124	S	DLI	1 H Y H H 2 HA SR HA HA		QTC	BELLEFOITE: MANAGEMENT DELETED THE USE OF THE QCIR (QUALITY CONTROL LIVE STIGATIVE REPORT) AND WRITE ONLY AN IRM (INSPECTION REJECTION NOTICE) WHICH IS NOT CONSIDERED A QUALITY RECORD NOR, AND MOST IMPORTANTLY, IT DOES NOT REQUIRE THE SAME FORMAL APPROVAL CYCLE AS A QCIR. ENGINEERING FREQUENTLY EVALUATES AN IRM AND DISPOSES IT "ACCEPT-AS-IS" WITHOUT QUALITY'S APPROVAL. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.14.1
	02	QA	80156	S	DLI	1 H Y H Y 2 HA SR HA SR			
	03	QA	80109	S	DLI	1 H H H Y 2 HA HA HA SR			
	04	QA	80400	S	DLI	1 H Y H Y 2 HA SR HA SR			
XX -85-102-00401 150208	QA	80410	S	DFI	1 Y H H H 2 SR HA HA HA		QTC	BROWN'S FERRY: WHEN INSPECTION FINDS A NUMBER OF DEFECTS AND DEFECTIVE EQUIPMENT AND ISSUES NOTICE OF INDICATIONS (NOI'S), THEY ARE NOT PROPERLY FIXED. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NUCLEAR POWER CONCERN. CI HAS NO FURTHER INFORMATION.	3.9.1
	02	QA	80459	S	DFI	1 Y H H H 2 SR HA HA HA			
XX -85-102-00401 150172	QA	80402	S	DFI	1 H H Y H 2 HA HA SR HA		QTC	BROWN'S FERRY: THE QUALITY PROGRAM AT BROWN'S FERRY LIMITS THE PROPER DOCUMENTATION AND REPAIR OF DEFECTS. IF INSPECTORS OBSERVE DEFECTS IN EQUIPMENT WHICH THEY ARE NOT AUTHORIZED TO INSPECT, THEY ARE NOT ALLOWED TO DOCUMENT THE DEFICIENCY IN A PROGRAMMATIC WAY WHICH ASSURES DOCUMENTED INSPECTION AND REPAIR. NUCLEAR POWER CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.	3.15
		QA	80412	S	DFI	1 Y Y H Y 2 SR SR HA SR			
		QA	80461	S	DFI	1 Y Y Y Y 2 SR SR SR SR			

70 CONCERNS FOR CATEGORY QA SUBCATEGORY 804

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

CATD  
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ECSP CORRECTIVE  
Action Tracking Document  
(CATD)

INITIATION

1. Immediate Corrective Action Required:  Yes  No
2. Stop Work Recommended:  Yes  No
3. CATD No. 80103-WEN-01
4. INITIATION DATE 7/02/87
5. RESPONSIBLE ORGANIZATION: Project Engineering-WBN
6. PROBLEM DESCRIPTION: 1/2/ QR 1/NQR

See Attached Fact Sheet

- |   |                      |
|---|----------------------|
| 7. PREPARED BY: NAME <u>K. Morrow</u>             | // ATTACHMENTS       |
| 8. CONCURRENCE: CEG-H <u>J. E. Kroll</u>          | DATE: <u>7/02/87</u> |
| 9. APPROVAL: ECTG PROGRAM MGR: <u>J. E. Kroll</u> | DATE: <u>7-2-87</u>  |

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN:  
REF ATTACHED B26 87 0922 030

- |   |                       |
|---|-----------------------|
| 11. PROPOSED BY: DIRECTOR/MGR: <u>J. E. Kroll</u> | // ATTACHMENTS        |
| 12. CONCURRENCE: CEG-H <u>J. E. Kroll</u>         | DATE: <u>10/16/87</u> |
| SRP: <u>U 11/17</u>                               | DATE: <u>10-13-87</u> |
| ECTG PROGRAM MGR: <u>J. E. Kroll</u>              | DATE: <u>10/14/87</u> |

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE TITLE DATE

NOTE: This applies to Concern HI-85-077-N20

CATD FACT SHEET

CATD No. 90103-WBN-01

Date: 07/02/87

Concern No(s). HI-85-077-N20

Problem Description:

The System 62 Volume Control Tank (VCT) Number 450 was over pressurized to the point of deformation during system hydrostatic testing. This tank is listed on TVA's N-5 Data Sheet Report 1-62-2/3-PIDRI as complying with the ASME code as a result of a Westinghouse evaluation. However, since the tank yielded to the point of deformation, ASME III code compliance cannot be obtained in accordance with NB 6222. This problem was previously identified in a memo from R. C. Parker to George Toto and M. L. Rayfield. The subject was "Watts Bar Nuclear Plant-ASME III Compliance Review". The RIMs Number is T19 860828 800. Since DNE's evaluation of the condition of the tank determined that the tank is fit for service, it was recommended that DNE reevaluate the need for code compliance and (1) Initiate an FSAR change identifying a code exception for the VCT; (2) Initiate documentation to "use-as-is" based on the FSAR change and (3) Correct the N-5 data report to clarify the VCT condition and eliminate the VCT from code certification. Corrective action has not been implemented to date.

  
K. Morrow

UNITED STATES GOVERNMENT

## Memorandum

A Record

ATTACHMENT B  
PAGE 4 of 110  
B26 '87 0922 030  
TENNESSEE VALLEY AUTHORITY

TO : P. D. Brackins, Project Manager, ONP, Watts Bar Nuclear Plant

FROM : H. B. Bounds, Project Engineer, Watts Bar Engineering Project, DNE,  
C102 IOB, Watts Bar Nuclear Plant

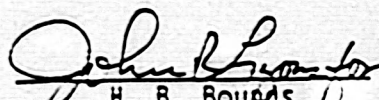
DATE : SEP 22 1987

SUBJECT: WATTS BAR NUCLEAR PLANT (WBN) - CORRECTIVE ACTION PLANS FOR CATD 80103-WBN-01  
REVISION 1

Attached is the revised WBN Corrective Action Plans for CATD:

80103-WBN-01

Item 5 of this Corrective Action Plan (CAP) has been revised and coordinated with the Employee Concerns Task Group (ECTG) Quality Assurance Category Evaluation Group. If you have any questions regarding the content of this plan, please contact W. D. Goins at extension 1731.

  
H. B. BOUNDS

WDG:CJS

Attachment

cc (Attachment):

RIMS, SL 26 C-K  
W. R. Brown, ECTG, Watts Bar  
J. Karr, ECTG, Watts Bar  
D. A. Kulisek, Trailer 38, Watts Bar  
J. R. Lyons, C105 IOB, Watts Bar  
George Toto, ONP, Watts Bar  
W. D. Goins, B101 IOB, Watts Bar

WBEP - 8250d  
09/22/87



CATD No. 80103-WBN-01

1.0 PROPOSED CORRECTIVE ACTION PLAN (CAP)

(R1)

- (1) The volume control tanks were manufactured under a contract with Westinghouse for the Nuclear Steam Supply System and as part of that manufacturing process an ASME "N" stamp was affixed to the tanks. An ASME manufacturers data report was completed certifying the fabrication of the tanks as complying with the requirements of ASME Section III. TVA installed the tanks under its NA Certificate. At this point, the tanks moved from the jurisdiction of Section III to the jurisdiction of Section XI.
- (2) During the field installation phase of the piping systems, in which the tanks have been installed, the tanks were exposed to a pressure sufficiently high to cause physical deformation (the U1 tank was overpressurized during a hydrostatic test of the system and the U2 tank during a system flush). The U1 tank was subjected to a rigorous review and analysis by the original system designer (Westinghouse) and the U2 tank either has been or will be subjected to the same analysis. For U1, the result of the analysis was that the tank still meets all design requirements for service. It is expected that the same results will be received for the U2 tank. A design drawing reflecting the present dimensions of the tank and a stress analysis reconciling the new dimensions to Section III design criteria will be obtained from Westinghouse for each tank documenting the as-built condition of the tank.
- (3) If the manufacturer of the tank is still available, the manufacturer will be contacted, supplied the as-built drawing and the stress analysis and will be requested to supply certification that the tank still meets the requirements of Section III. If the manufacturer is not available, then either Westinghouse or TVA under their "N" certificate will provide this certification.
- (4) The results of the analysis and certification will be documented on an NIS-1 form which will be issued as a supplement to the ASME manufacturers data report form for the U1 tank. The approved supplement will be attached to the applicable manufacturers data report form in the U1 N-5 Data Package, which shall be annotated to reflect inclusion of the supplement and resigned by the same organizations which approved the original. The supplemented N-5 Data Report will then be distributed to controlled document holders. For U2, the certification will be issued documenting the results of the analysis and this certification and will be attached to the manufacturers data report.
- (5) The use-as-is disposition together with TVA's justification will be submitted for review and acceptance to the NRC as an FSAR change and when found acceptable, should be incorporated into the WBN FSAR.

WBEP - 8260d  
09/22/87

Does the corrective action plan rely or take credit for currently identified or previously completed work? Yes  No

If yes, list parent documents (e.g. NCR, SCR, CAR, Audit, etc.)  
NCR 3577, 4379

Does the problem described constitute a condition adverse to quality (CAQ)?  
Yes  No

If yes, CAQ No. \_\_\_\_\_

Schedule for completion of corrective action (schedule date, if known, or milestone (e.g. BFL1, etc.)) BFL1 for U1 actions; BFL2 for U2 actions

11. W.D. Hains 9/22/87  
Prepared by/Date

John L. HBB  
Proposed by/Date  
9/22/87

ECSP CORRECTIVE  
Action Tracking Document  
(CATD)

INITIATION

1. Immediate Corrective Action Required:  Yes  No
2. Stop Work Recommended:  Yes  No
3. CATD No. 80106-BLN-03 R1
4. INITIATION DATE 4/17/87
5. RESPONSIBLE ORGANIZATION: Quality Assurance
6. PROBLEM DESCRIPTION:  QR  NQR

See Attached Fact Sheet 80106-BLN-03 R1

//ATTACHMENTS

//ATTACHMENTS

7. PREPARED BY: NAME M.D. Bednar/T.A. Gavn DATE: 4/17/87
8. CONCURRENCE: CEG-H J.P. Kan DATE: 4/18/87
9. APPROVAL: ECTG PROGRAM MGR: [Signature] DATE: 4/23/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: "SEE ATTACHED"

//ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR: [Signature] DATE: 7/31/87
12. CONCURRENCE: CEG-H [Signature] DATE: 8/17/87
- SRP: [Signature] DATE: [Signature]
- ECTG PROGRAM MGR: [Signature] DATE: 8/28/87

R1

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE TITLE DATE

NOTE: This CATD applies to Concern Number XX-85-089-002





CATD NO. 80106-BLN-03 R1

10. PROPOSED CORRECTIVE ACTION PLAN:

Bellefonte Quality Control Procedure BNP-QCP-10.43, "Inspection Rejection  
Notice," will be revised to make the IRN a QA record. The Revision Request (RR)  
has been prepared and is currently in the review cycle.

Does the corrective action plan rely on or take credit for currently  
identified or previously completed work? Yes \_\_\_\_\_ No X  
If yes list parent documents (e.g. NCR, SCR, CAR, Audit, etc.) \_\_\_\_\_

N/A

Does the problem described constitute a condition adverse to quality (CAQ)?  
Yes \_\_\_\_\_ No X

If Yes CAQ No. N/A

Schedule for completion of corrective action (schedule date, if known, or  
milestone (e.g. BFL1, etc.)) October 1 1987

11. L. J. D. Roman / 7/29/87 Dawn R. B. Co. / 7/28/87  
Prepared by/Date Proposed by/Date

ATTACHMENT B  
ECSP CORRECTIVE  
Action Tracking Document  
(CATD)

INITIATION

1. Immediate Corrective Action Required:  Yes  No  
2. Stop Work Recommended:  Yes  No  
3. CATD No. 80400-WBN-01 4. INITIATION DATE 8/06/87  
5. RESPONSIBLE ORGANIZATION: Watts Bar Quality Assurance Dept.  
6. PROBLEM DESCRIPTION:  QR  NQR

See Attached Fact Sheet 80400-WBN-01

7. PREPARED BY: NAME R. D. Halverson // ATTACHMENTS  
DATE: 8/06/87  
8. CONCURRENCE: CEG-H [Signature] DATE: 8-6-87  
9. APPROVAL: ECTG PROGRAM MGR: [Signature] DATE: 8/7/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN:

SEE ATT. A

11. PROPOSED BY: DIRECTOR/MGR: [Signature] // ATTACHMENTS  
DATE: 8/16/87  
12. CONCURRENCE: CEG-H [Signature] DATE: 8/16/87  
SEP: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MGR: \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

SIGNATURE

TITLE

DATE

NOTE:

CATD FACT SHEET

CATD No. 80400-WBN-01

Date: 08/06/87

Problem Description:

QCP-1.02, Revision 0, dated April 27, 1987, "Inspection Rejection Notices," paragraph 6.2.3. states; "Those IRNs not closed within ninety days will be escalated to the Construction Engineer and QC Section Supervisor for resolution."

- 1.) This requirement is in conflict with paragraph 6.4.2 which states in part; "If the failed inspection condition has not been corrected, generate a new IRN per paragraph 6.1 and note in reinspection section of the IRN the second failed inspection and reference the new IRN number. Sign off previous IRN as complete." This paragraph, as written, could insure that an IRN will never go ninety days without closure.
- 2.) Currently, there are approximately 532 Open Unit 2 IRN's dating back to 1983. QCP-1.02, Revision 0, Paragraph 6.2.3 states that IRNs not closed within ninety days will be escalated for resolution. This paragraph is unclear as to its applicability to IRNs generated prior to Revision 0 of QCP-1.02. Clarification is required to establish if this current requirement is applicable to previously generated IRNs.

Remarks:

Preparer: R. D. Halverson

CATG  
CAPP 1.0  
REVISION 0  
ATTACHMENT A

CATD NO. 80400-WBN-01

10. PROPOSED CORRECTIVE ACTION PLAN:

1. Paragraph 6.4.2 applies to reinspection after the failed condition has been corrected. The responsible craft and/or engineer are responsible for correcting failed inspections and notifying Quality Control for reinspection. If upon reinspection, the failed inspection condition has not been corrected, a new IRN is written and noted in the reinspection section of the old IRN the second failed inspection. The old IRN is signed off as complete. When the IRN is signed off, it is considered closed. Therefore, unless the reinspection was called for 90 days or more after an IRN was issued, the IRN would have been closed prior to 90 days from issue. While it is possible that a condition noted on an IRN could remain open for a period exceeding 90 days, it is unlikely. The reason QCP-1.02 was written to close an IRN upon unsatisfactory reinspection was to provide a means to trend those items. Furthermore, the inspection report program when implemented will alleviate the IRN program.

2. Paragraph 6.2.3 applies to IRNs written per QCP-1.02 and not to IRNs written per QCI-1.02-1. However, a list of open IRNs which were written per QCI-1.02-1 has been sent to the Construction Engineer who is presently working to resolve.

Does the corrective action plan rely on or take credit for currently identified or previously completed work? Yes X No       
If yes, list parent documents (e.g., NCR, SCR, CAR, Audit, etc.)  
CAOR CHS-87-0017

Does the problem described constitute a condition adverse to quality (CAQ)? Yes      No X

If yes, CAQ No.                     

Schedule for completion of corrective action (schedule date, if known, or milestone (e.g., BFL1, etc.)) 12/31/87

J. A. [Signature] 9/8/87  
Prepared by/Date

[Signature] 9/11/87  
Proposed by/Date



CATD FACT SHEET

CATD No. 80400-WBN-02

Date: 08/06/87

Problem Description:

QACEG random review of closed IRN's revealed numerous discrepancies with the disposing, voiding and closure of IRNs. Examples are as follows:

1.) IRN E-CET-24 was issued October 7, 1986 identifying that "stainless steel tag was attached to hanger without REU approval as stated in QCI-3.09, Revision 2, Paragraph 6.2.2, The responsible Engineer dispositioned the IRN by recommendation, "Revise QCI-3.09 (6.2.2) to comply with QCP-3.09, (7.1.6)." QC closed the IRN October 8, 1986 and revision to QCI-3.09, paragraph 6.2.2, has not been accomplished to date.

2.) IRN WLJ-139 was issued August 9, 1984 documenting; "Welds to EMB. to T-S (Tube steel), are over one side on one side welds undersize" (Direct quote).

IRN E052-WLS was issued December 15, 1983 documenting; "JB4128 is smaller than 24" x 24" but has four mounting bolts with less than 1-1/2 (min.) edge distance not per drawing 47A056-101-R/5 (1") is what is in box. Also cannot verify anchors in unstrut to concrete per QCP-1.14 R/13 or thread engagement per QCP 1.42-2 R/4. They inaccessible." (Direct quote including misspellings).

Both the above IRNs were closed with the statement "closed per JWP." Both IRN's do not have inspectors signature or date.

3.) IRN's E-REH-5, E-REH-6, E-REH-7, and E-REH-8 were written April 14, 1981 documenting "pipe off location." All IRN's were dispositioned "per memo by Tom Brown dated April 22, 1981." This memo did not accompany the IRN's and it is unknown what acceptance criteria was invoked.

4.) IRN WLJ-147 was issued August 20, 1984 documenting; "no unstrut installed between J.B. 3051 and wall." (Direct quote including misspelling).

IRN WLJ-140 was issued August 9, 1984 documenting; "hanger not per typical or by FCR-20448 R1 has 4-1/4" anchors. But no unstrut is installed behind box JB-1026B. (Direct quote including misspelling).

IRN WLJ-147 was closed with a statement; "from Jeff Fawcett X-304, no unistrut required. O1 & O2 Test waived per Art Greer." IRN WLJ-140 was closed with a statement; "waived per REU." The IRNs were closed with the apparent lack of Engineering justification with no reference to design change documentation.

- 5.) IRN H-REH-24 WAS ISSUED April 30, 1981 documenting; "Item #2 is not centered with pipe. Item #2 is not at a 30-60° angle." This IRN was voided without justification, date of voiding and identity of person voiding the IRN is not documented.
- 6.) The following IRN's were issued documenting burn through on unistrut base metal.

<u>IRN</u>	<u>ISSUED DATE</u>	<u>CLOSE DATE</u>
H-REH-10	04/17/81	11/07/81
E030-WLJ	12/10/83	03/29/84
WLJ-206-2	09/18/84	09/25/85
E-WTD-8	08/28/84	09/20/84

Contrary to the requirements of AWS D1.1 - 1974, paragraph 3.7.4, no evidence exists that Engineering approval was gained for base metal repair on IRN's E030-WLJ and WLJ-206-2. Additionally, QACEG review of inspection records of the supports associated with the above IRN's reveals no historical data documenting base metal repairs.

Remarks:

Preparer: R. D. Halverson



CATG  
CAPP 1.0  
REVISION 0  
ATTACHMENT A

CATD NO. 80400-WJN-02

10. PROPOSED CORRECTIVE ACTION PLAN:

- 1) This IRN should not have been written. The inspector was inspecting to the QCI, and should have inspected to the QCP. A Revision Request will be submitted to make procedures coincide.
- 2) IRN WLJ-139 was written against a support that has been deleted and removed from the Accountability Program.

IRN E052-WLS should read E052-WLJ. This IRN was closed according to JWP for the following reasons:

1. Note Inspection/Test number block denotes Page 1 of 2
2. Page 2 of 2 shows IRN to be voided in accordance with E-LRD-04.
3. E-LRD-04 was voided according to David A. Dycus and referenced IRN E-DAD-041.

This IRN (E-DAD-041) shows support was inspected at a later date.

- 3) Copies of this particular memo have been attached to each respective IRN and placed back in the unit IRN file awaiting transfer to DCU vault. The pipe was inspected per the pipe procedures and drawings. The hangers were inspected per the hanger procedures and drawings.
- 4) IRN WLJ-147 should not have been written. The unistrut is optional.

QACEG stated that this IRN, WLJ-140, was "Waived per EEU" and the IRN was closed with lack of engineering justification. IRN WLJ-140 says the following: "01 and 02 test waived per Art Greer." Art Greer was the EQC supervisor at that time. The EEU response was "From Jeff Fawcett no unistrut required." Art Greer waived 01 and 02 test because of Jeff Fawcett's response. See 101 drawing for justification. This IRN should not have been written.

- 5) Apparently IRN N-REN-24 was written in error, as documentation indicates that the same inspector who wrote the IRN accepted the affected support on May 8, 1981. The revision to the procedure which governed IRNs on April 30, 1981, gave no specific instructions as to how to void IRNs; therefore, there was no requirement to justify, date, or identify the employee voiding the IRN. The only condition addressed in the procedure was how to close valid and open IRNs.

QCP 1.02, Revision 2, dated January 20, 1987, currently in effect, includes provisions for voiding IRNs.

CAIG  
CAPP 1.0  
REVISION 0  
ATTACHMENT A

CAID NO. 80400-W3N-02

10. PROPOSED CORRECTIVE ACTION PLAN: (Cont.)

- 6) IRN H-REH-10 was not written because of burn through on unistrut, but was written for the following reasons:
1. Base metal ground away at weld between baseplate and embed.
  2. Clearances are not maintained between pipe and hanger.
  3. Pipe out of center of sleeve.
  4. Pipe off location.

However, the support has been reinspected and problems were found. CAQR WBP870875 EO has been issued to address these problems.

IRN WLJ-30 was written on conduit support Number 1-CSP-293-1041/X which identifies a discrepancy with weld burn through on unistrut where attached to embedded plate.

This support was reinspected and found that some undercut at the top of weld caused by cosmetic grinding. On the inside of unistrut some cosmetic work was also found. The present IRN procedure establishes a method to repair on the spot corrections for the repair of cosmetic damage only without an Inspection Rejection Notice being issued. Support-1041/X is not presently reflected in the Record Accountability Program but exist in the field and documentation in the vault. A memorandum will be sent to EEU-3 to update program.

IRN WLJ-206-2 was written on support (O-CSP-292-3910/5) which was found to be inaccessible due to 3-M thermo lag fire barrier wrap installed on conduit and support. A review of this support will be done on a walkdown WP-3 to identify problems if they exist.

WTD-8 identifies the discrepancy with burn through at weld joint where unistrut attaches to building steel. Upon reinspection of this support, there was no evidence of burn through or basemetal damage where unistrut attaches to building steel. We feel that this support was replaced to correct IRN deficiency identified.

All Category I conduit and supports on unit 1 WEN are to be reinspected in accordance with Walkdown Procedure WP-3. This procedure establishes a requirement to update the Records Accountability Program.

There has never been a requirement for a Quality Control inspector to document the corrective action taken to correct a rejectable condition. When an inspector accepts and signs off "Accepted by" on an IRN, he is only saying that predetermined acceptance criteria have been met.

*Lang B. [Signature]*  
9/7/87

ATTACHMENT B  
ECSP CORRECTIVE  
Action Tracking Document  
(CATD)

12

INITIATION

1. Immediate Corrective Action Required:  Yes  No
2. Stop Work Recommended:  Yes  No
3. CATD No. 80400-WBN-03
4. INITIATION DATE 8/06/87
5. RESPONSIBLE ORGANIZATION: Watts Bar Quality Assurance Dept.
6. PROBLEM DESCRIPTION:  QR  NQR

See Attached Fact Sheet 80400-WBN-03

7. PREPARED BY: NAME R. D. Halverson // ATTACHMENTS DATE: 8/06/87
8. CONCURRENCE: CEG-H JF Kurt DATE: 8-6-87
9. APPROVAL: ECTG PROGRAM MGR: [Signature] DATE: 8/7/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_

SEE ATT. A.

11. PROPOSED BY: DIRECTOR/MGR: [Signature] // ATTACHMENTS DATE: 8-20-87
12. CONCURRENCE: CEG-H [Signature] DATE: 9/16/87  
SEP: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MGR: \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

SIGNATURE

TITLE

DATE

NOTE:

CATD FACT SHEET

CATD No. 80400-WBN-03

Date: 08/06/87

**Problem Description:**

WBN-QCP-1.02, Revision 0, "Inspection Rejection notice," Addendum No.1, paragraph 4.2 states: "Failed In-Process Inspection - those inspections performed prior to acceptance of the item which identify conditions that can be returned to meet the original requirements using the original acceptance criteria and methods."

Contrary to the above requirements, IBN W8700985 was issued May 7, 1987 documenting; "on typical tube side weld to embedded plate detail, R4-R4, weld symbol calls for continuous weld. Hanger has two intermittent voids." In lieu of reworking the hanger to meet the original requirements, FCR # E20967 was issued to document as-built configuration.

**Remarks:**

Preparer: R. D. Halverson

CATG  
CAPP 1.0  
REVISION 0  
ATTACHMENT A

CATD NO. 80400-WBN-03

10. PROPOSED CORRECTIVE ACTION PLAN:

IRN Number W8700985 was written because of a drawing discrepancy in the flare bevel weld symbol and the associated note (6" min. weld) in detail H4-H4 on drawing 47W970-4 R6.

FCR-E20967 was issued to place the existing 6" minimum weld note in the tail of the flare bevel weld symbol as required per AWS A2.4, Symbols for Welding and Nondestructive Testing.

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\_\_\_\_\_

Does the corrective action plan rely on or take credit for currently identified or previously completed work? Yes \_\_\_\_\_ No   
If yes, list parent documents (e.g., NCR, SCR, CAR, Audit, etc.) \_\_\_\_\_

Does the problem described constitute a condition adverse to quality (CAQ)? Yes \_\_\_\_\_ No

If yes, CAQ No. \_\_\_\_\_

Schedule for completion of corrective action (schedule date, if known, or milestone (e.g., BFL1, etc.)) N/A

11. Carol M. Galbraith 8-19-87  
Prepared by/Date

E. O. Johnson 8-22-87  
Proposed by/Date

WBEP - 2367d  
02/09/87

ATTACHMENT B  
ECSP CORRECTIVE  
Action Tracking Document  
(CATD)

INITIATION

1. Immediate Corrective Action Required:  Yes  No
2. Stop Work Recommended:  Yes  No
3. CATD No. 80400-WBN-04
4. INITIATION DATE 8/06/87
5. RESPONSIBLE ORGANIZATION: Watts Bar Quality Assurance Dept.
6. PROBLEM DESCRIPTION:  QR  NQR

See Attached Fact Sheet 80400-WBN-04

- |    |  |                      |
|----|--|----------------------|
|    |  | <u>//ATTACHMENTS</u> |
| 7. | PREPARED BY: NAME <u>R. D. Halverson</u>       | DATE: <u>8/06/87</u> |
| 8. | CONCURRENCE: CEG-H <u>[Signature]</u>          | DATE: <u>8-6-87</u>  |
| 9. | APPROVAL: ECTG PROGRAM MGR: <u>[Signature]</u> | DATE: <u>8/17/87</u> |

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_

See attached Proposed Corrective Action Plan.

- |     |   |                      |
|-----|---|----------------------|
|     |   | <u>//ATTACHMENTS</u> |
| 11. | PROPOSED BY: DIRECTOR/MGR: <u>[Signature]</u> | DATE: <u>8-16-87</u> |
| 12. | CONCURRENCE: CEG-E <u>[Signature]</u>         | DATE: <u>9/16/87</u> |
|     | SRP: <u>[Signature]</u>                       | DATE: _____          |
|     | ECTG PROGRAM MGR: _____                       | DATE: _____          |

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

NOTE:

CATD FACT SHEET

CATD No. 80400-WBN-04

Date: 08/06/87

Problem Description:

Prior to the issuance of QCP-1.02, Revision 0, dated April 27, 1987, "Inspection Rejection Notices," IRN's were not considered LOP records and the past IRN programs did not require the inspector to note the IRN number on the Inspection Report. QACEG Review of QCI-1.06-1, Revision 1, dated March 11, 1987, "Records Retrieval," reveals the following related and unrelated deficient areas;

- 1.) Related - Since IRN's are now LOP Records and Watts Bar Quality Assurance has committed to forward all (available) PRE QCP-1.02 IRN's to Records Storage, no mechanism is in place in QCI-1.06-1 to establish traceability with an IRN and the associated item/component. When retrieving inspection records for components, IRNs are not included.
- 2.) Unrelated - QCI-1.06-1, Revision 1, requires revision to address CAQRS.

Remarks:

Preparer: R. D. Halverson

PROPOSED CORRECTIVE ACTION PLAN  
CATD 80400-WBN-04

A Revision Request has been submitted (copy attached) to revise QCI-1.08-1, Attachment A, Part III, to identify Inspection Rejection Notices (IRNs) and to add section 6.2.1.12 which addresses the retrieval method for IRNs.



Title: REVISION REQUESTS

OMI 805.11  
No. \_\_\_\_\_

Rev. 1

REVISION REQUEST FORM

OMI-RR- \_\_\_\_\_

Attachment 1  
LOP

PROCEDURE/INSTRUCTION:

NUMBER- QCT-1.08-1 Revision - 1

TITLE - Records Retrieval

REVISION REQUESTED (ATTACH MARKED-UP COPY IF NECESSARY OR HELPFUL) -  
attached

REASON FOR REVISION - CAQ 80400-WBN-04

REVISION REQUEST SUBMITTED BY M. J. Johnson 9-10-87 8723  
Name Date Phone

I CONCUR WITH REVISION REQUEST  Yes  No

REVISION REQUEST IDENTIFIES A CAQ  Yes  No IF "YES", List CAQ Number \_\_\_\_\_

M. J. Johnson 9-10-87 8723  
Initiator's Supervisor Date Phone

Assigned To:  Electrical:  Mechanical:  Programs Date: \_\_\_\_\_

EVALUATION BY QE: REVISION REQUEST is acceptable Yes  No  With Comment

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
QE Engineer/Date

\_\_\_\_\_  
QE Unit Supervisor/Date

TRANSMITTAL: To: \_\_\_\_\_

Responsible Organization

\_\_\_\_\_  
Mechanism

\_\_\_\_\_  
Date

\_\_\_\_\_  
QEPU Supervisor

RESPONSE RECEIVED \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date Closed

REVISION LOG

Title: RECORDS RETRIEVAL

WBN-QCI-  
1.08-1

Revision No.	DESCRIPTION OF REVISION	Date Approved
1	Revised to reflect current method for retrieving documents (WBN-DNC-RR-550). Revision lines are shown. Changed organizational titles because of reorganization (no revision lines shown).	03/11/87
2	<i>To limit scope until system transfer. To add inspection rejection notices (IRNs) to Attachment A (page 17) and to add retrieval method of IRNs (6.2.1.12) Reference CATD 80400-WBN-04.</i>	

INFORMATION ONLY