

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 OHP - ISSS - RHM

TEENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50425 HELD REPAIRS NOT IN ACCORDANCE WITH ASME CODE

PAGE - 55
 RUN TIME - 15:03:41
 RUN DATE - 05/08/88

CATEGORY: WE NON QA/QC HOLDING

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LDC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	RELATED	BF				BL
2850162005	01	DP	30803	S	NPS	1	Y	Y	Y	Y	NRC	TVA MAKES REPAIRS TO THEIR NUCLEAR PLANTS WHICH ARE NOT IN ACCORDANCE WITH ASME CODES, SUCH AS OVERLAYS, PATCHES, AND EVEN FURMATITE (SOPHISTICATED GLUE). (SQM ISSUES ADDRESSED IN RPT WP-25-SQM R0)
	02	WE	50125	S	NPS	1	Y	N	N	N		
	03	WE	50236	S	NPS	1	N	Y	N	N		
	04	WE	50325	S	NPS	1	N	N	Y	N		
	05	WE	50425	S	NPS	1	N	N	N	Y		
						2	SS	SS	SS	SS		
						2	SS	NA	NA	NA		
						2	HA	SS	NA	HA		
						2	NA	HA	SS	HA		
						2	NA	NA	HA	SS		

1 CONCERNS FOR CATEGORY WE SUBCATEGORY 50425

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RUM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50426 INACCURATE/INADEQUATE DOCUMENTATION

PAGE - 56
 RUN TIME - 13.03.41
 RUN DATE - 03/08/88

CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 2	REPORT SAF	APPL RELATED	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION		
						BF	BL	SQ	HD			
EX -85-007-00401 150042	HE	50426	N	WBN	1	N	N	N	Y	EX-85-007-004	QTC	EXCESSIVE PAPERWORK IS REQUIRED FOR PIPING WELDS WHICH ARE TO BE 100% X-RAY INSPECTED. X-RAY WILL PICK UP ANY DEFECTS IN THE WELD, MAKING ALL INTERMEDIATE INSPECTIONS AND HOLD POINTS UNNECESSARY. IN ADDITION, THE AMOUNT OF PAPERWORK IS OFTEN CONFUSING TO CRAFTSMEN, RESULTING IN UNADVERTENT BYPASSING OF HOLD POINTS AND INSPECTIONS, WHICH RESULT IN DISCIPLINARY ACTION TO THE CRAFTSMEN. NO FURTHER DETAILS AVAILABLE.
HI -85-077-N0601	HE	50426	N	WBN	1	N	N	N	Y		NRC	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF THE QTC FILE, "INADEQUATE DOCUMENTATION OF WELD INSPECTIONS."
HI -85-077-N1001	HE	50426	N	WBN	1	N	H	N	Y		NRC	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF THE QTC FILE, "LACK OF DOCUMENTATION AND WELD INSPECTOR NUMBERS."
IN -85-260-00101 150047	HE	50426	N	HBN	1	H	H	H	Y	IN-85-260-001	QTC	SYSTEM 26, FIRE PROTECTION, SHOWED TWO WELDS WITH NO SUPPORTING DOCUMENTATION. KNOXVILLE PERFORMED AN EVALUATION, ISSUED AN ICR AND DIRECTED A CODE D ATA REPORT BE COMPLETED.
IN -85-260-00201 150047	HE	50426	N	HBN	1	N	N	N	Y	IN-85-260-002	QTC	SYSTEM 26, FIRE PROTECTION, ASME WELDS REPORTED TO HAVE PROPER DOCUMENTATION, BUT INSPECTION WAS NOT DONE.
IN -85-260-00601 150251	HE	50426	N	WBN	1	N	N	H	Y		QTC	WELDS IN SYSTEMS WERE MADE, AND DOCUMENTATION AVAILABLE, BUT WERE NOT INSPECTED. CONSTRUCTION DEPARTMENT CONCERN. NO FURTHER INFORMATION IN FILE.
IN -85-887-00301 150255	HE	50426	N	WBN	1	N	N	H	Y		QTC	NO DOCUMENTATION EXISTS FOR SURVEILLANCE PROGRAM FROM 12-81 TO PRESENT (SPECIFICALLY 1982-1983) AS REQUIRED BY WELDING PROCEDURE. CONSTRUCTION CONCERN. NO ADDITIONAL INFORMATION AVAILABLE IN FILE.
IN -86-155-00401 150127	HE	50426	N	WBN	1	N	H	H	Y	I-85-500-HBN	QTC	THE WELDS IN THE DOME, RD 01 & 02, MAY NOT HAVE BEEN INSPECTED AND BOUGHT OFF. CONSTRUCTION CONCERN. CI HAS NO FURTHER INFORMATION.
IN -86-168-00601 150180	HE	50426	H	HBN	1	N	N	H	Y		QTC	COMPUTER LIST EXISTS THAT RECORDS THE WELDER ID NUMBERS OF WELDERS ASSOCIATED WITH A JOB EVEN THOUGH THE WELDERS SPECIFIED DID NOT WELD ON THE LISTED JOB. IF THEY MAY HAVE ONLY TALKED TO ENGINEERING, C/I HAS NO MORE INFORMATION. CONSTRUCTION CONCERN. UNIT 2.

REFERENCE - ECPS120J-ECPS121C
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 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50426 INACCURATE/INADEQUATE DOCUMENTATION

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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT 2 SAF RELATED	APPL BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -86-211-00101 T50132	WE	50426	N	HBN	1 N N N Y 2 NA NA NA SR			QTC	POTENTIAL INADEQUACY IN WELD IDENTIFICATION. DETAILS KNOWN TO QTC. WITHHELD DUE TO CONFIDENTIALITY. CONST. DEPT. CONCERN. UNIT 1&2, VARIOUS SYSTEMS AND TIME FRAMES. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.
PH -85-027-X0801 T50185	IN	60300	S	HBN	1 N N N Y 2 NA NA NA NO			QTC	WELD DOCUMENTATION AND IDENTIFICATION HAS BEEN FALSIFIED UNIT 1. DETAILS KNOWN TO QTC. WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPARTMENT CONCERN. CI HAS NO FURTHER INFORMATION.
	02	WE	50426	S	HBN	1 N N N Y 2 NA NA NA SR			
NI -85-035-00201 T50095	IN	60300	S	HBN	1 N N N Y 2 NA NA NA NO			QTC	Q. C. INSPECTOR (NAME KNOWN) SIGNED OFF WELDS BASED ON WELDER'S WORD. Q.C. INSPECTOR DID NOT PHYSICALLY INSPECT THE 2" STAINLESS STEEL SOCKETWELDS. C/I QUESTIONS THE INTEGRITY OF THE Q.C. INSPECTOR. LOCATION OF WELDS (APPROXIMATELY 8 OR 9 WELDS) 7 37'0" ELEV. AUX. BLDG UNIT 1 DURING 1982/83 3' FT. OFF THE CEILING. C/I INDICATED HE WILL SHOW THE WELD LOCATION IN PERSON IF REQUIRED. NO FOLLOW UP REQUIRED.
	02	WE	50426	S	HBN	1 N N N Y 2 NA NA NA SR			
NI -85-053-00201 T50135	WE	50426	N	HBN	1 N N N Y 2 NA NA NA SR			QTC	WORK RELEASES DO NOT DOCUMENT WELDING IN ACCORDANCE WITH THE NUCLEAR QA MANUAL. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION.
NI -85-064-00601 T50170	IN	60300	S	HBN	1 N N N Y 2 NA NA NA NO			QTC	WELD DOCUMENTATION HAS BEEN "MANIPULATED". CONSTRUCTION DEPT CONCERN. CI REFUSED TO PROVIDE ANY FURTHER INFORMATION.
	02	WE	50426	S	HBN	1 N N N Y 2 NA NA NA SR			
NI -85-076-00101 T50185	IN	60300	S	HBN	1 N N N Y 2 NA NA NA NO			QTC	WELDS HAVE BEEN IMPROPERLY INSPECTED, AND WELD DOCUMENTATION DOES NOT REFLECT ACCURATE INFORMATION. NO SPECIFIC LOCATIONS KNOWN. DETAILS KNOWN TO QTC. WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION TO REVEAL.
	02	WE	50426	S	HBN	1 N N N Y 2 NA NA NA SR			
NI -85-076-00201 T50185	IN	60300	S	HBN	1 N N N Y 2 NA NA NA NO			QTC	WELDING DOCUMENTATION HAS BEEN FALSIFIED. DETAILS KNOWN TO QTC. WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION TO REVEAL.
	02	WE	50426	S	HBN	1 N N N Y 2 NA NA NA SR			

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 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50426 INACCURATE/INADEQUATE DOCUMENTATION

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CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 2	REPORT SAF	APPL RELATED	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
						BF	BL	SQ	HB		
WI -85-081-X0601 T50237	IN	60300	S	HBN	1	H	H	H	Y	QTC	WELD RECORDS WERE FALSIFIED. CI DECLINED TO PROVIDE ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW UP REQUIRED.
	02	HE 50426	S	HBN	2	NA	HA	NA	HO		
					1	N	N	N	Y		
					2	NA	NA	HA	SR		
WI -85-091-00701 T50197	HE	50426	N	HBN	1	N	N	H	Y	QTC	ALLOT OF REWORK OF WELDS HAS BEEN REQUIRED DUE TO LOST DOCUMENTATION. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN.
					2	NA	HA	HA	HO		
WI -85-097-00101 T50190	IN	60300	S	HBN	1	N	N	H	Y	QTC	WELD OPERATION SHEETS REFLECT INCORRECT ENTRIES. ERCH LINE, UNIT 1. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPARTMENT CONCERN.
	02	HE 50426	S	HBN	2	NA	HA	HA	SR		
					1	N	N	H	Y		
					2	NA	HA	HA	SR		
XX -85-102-00701 T50172	HE	50243	S	BFN	1	N	Y	N	N	QTC	BROWN'S FERRY. NDE INSPECTORS CAN ONLY WRITE A NOTICE OF INSPECTION ON IN-SERVICE RELATED DEFECTS. PRESERVICE DEFECTS CAN ONLY BE IDENTIFIED BY A MAINTENANCE REQUEST. NUCLEAR POWER DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.
	02	HE 50135	S	BFN	2	SR	HA	HA	HA		
					1	N	N	N	Y		
					2	NA	HA	HA	SR		
XX -85-102-01101 T50172	HE	50243	S	SQN	1	N	Y	N	N	QTC	SEQUOYAH. NDE INSPECTORS CAN ONLY WRITE A NOTICE OF INSPECTION ON IN-SERVICE RELATED DEFECTS. PRESERVICE RELATED DEFECTS CAN ONLY BE IDENTIFIED BY A MAINTENANCE REQUEST. NUCLEAR POWER DEPT. CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED. (SQN ISSUES ADDRESSED IN NSRS RPT I-85-735-SQI)
	02	HE 50399	S	SQN	2	HA	HA	SR	HA		
					1	Y	H	N	H		
					2	SR	HA	HA	HA		
					1	N	N	N	Y		
					2	HA	HA	HA	SR		

21 CONCERNS FOR CATEGORY HE SUBCATEGORY 50426

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 DHP - ISSS - RHM

TEHNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50430 BASE MATERIAL DAMAGE

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 RUN TIME - 15:03:41
 RUN DATE - 03/08/88

CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	P L T L O C	1 REPORT APPL 2 SAF RELATED BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -85-080-00101 T50066	HE	50430	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	ARC STRIKE NOT REPAIRED ON 18" DIAMETER CARBON STEEL PIPE IN REACTOR BUILDING DURING NOT FUNCTIONAL TEST, JULY 1983, IN WBNP UNIT 1, ELEV. 713' NEAR PERSONNEL EQUIPMENT MATCH. PIPE IS PRESENTLY INSULATED. CI COULD NOT PROVIDE ANY ADDITIONAL DETAILS OR INFORMATION
IN -85-246-00201 T50155	HE	50430	N	WBN	1 N N N Y 2 NA NA NA SR	IN-85-246-002	QTC	IN HEAT EXCHANGER ROOM 1A, UNIT 1, SIDE OF AUXILIARY BUILDING ELE. 713' STAINLESS STEEL PIPE THROUGH WEST HALL, EXCAVATION OF ARC STRIKE HAS LEFT A GROUND AREA APPROX. 1/2" DEEP. CONSTR. DEPT. CONCERN. CI COULD NOT PROVIDE ANY ADDITIONAL DETAILS/SPECIFICS. NO FOLLOWUP REQUIRED.
IN -85-270-00101 T50047	HE	50430	N	WBN	1 N N N Y 2 NA NA NA SR	IN-85-270-001	QTC	SS 10" PIPE ENTERING OR LEAVING HEAT EXCHANGER HAD AN ARC STRIKE THAT WAS 3/16" DEEP AND 1 1/4" Ø AFTER GRINDING. MEMO HAS WRITTEN AND RESPONSE WAS IT MET MINIMUM WALL THICKNESS. PIPE IS NOW COVERED WITH INSULATION. YEAR 1982, AUX BLDG, UNIT 01 SIDE, 713' ELEV W LINE & A6 LINE.
IN -85-460-X0401 T50107	HE	50430	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	AN ARC STRIKE 2" X 3/16" EXISTS ON A CLASS C LINE OF SYSTEM 78 (SPENT FUEL PIT COOLING). THE LINE IS INSULATED. LOCATION IS IN THE AUX. BLDG. UNIT, ELEVATION 732', AT THE A7 AND V OR U HALL. NO FURTHER INFORMATION AVAILABLE. NO FOLLOW UP REQUIRED.
IN -85-460-X0501 T50107	HE	50430	N	WBN	1 N N N Y 2 NA NA NA SR	IN-85-460-X05	QTC	THERE IS AN EXCAVATED ARC STRIKE ON A 10" STAINLESS STEEL LINE OF SYSTEM 72 (CONTAINMENT SPRAY) THAT POSSIBLY VIOLATES MINIMUM WALL THICKNESS THE LINE IS CLASS B LOCATED IN THE AUX. BLDG., UNIT 1, ELEVATION 713 NEAR THE HEAT EXCHANGER 1-A. THE LINE IS INSULATED. NO FURTHER INFORMATION AVAILABLE. NO FURTHER FOLLOW UP REQUIRED.
IN -85-460-00301 T50035	HE	50430	N	WBN	1 N N N Y 2 NA NA NA SR	IN-85-460-003	QTC	A DEEP GOUGE IN 4" LINE AT THE PENETRATION GOING INTO PIPE CHASE. AS LINE PIPE CHASE WALL GOING THROUGH V DR W LINE HALL AUX BLDG UNIT 01 737' ELEVATION, 1980 OR 1981
IN -86-133-00101 T50177	HE	50430	N	WBN	1 N N N Y 2 NA NA NA SR	IN-86-133-001	QTC	THERE IS A GOUGE IN A 10" SS PIPE, EL 713, AUX. BLDG., UNIT 1. CONST. DEPT. CONCERN. GOUGE IS LOCATED IN A-12 HEAT EXCHANGER ROOM. NO ADDITIONAL INFORMATION KNOWN TO CI. NO FOLLOW UP REQUIRED.

7 CONCERNS FOR CATEGORY HE SUBCATEGORY 50430

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 DNP - ISSS - RHM

TEHNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (EPCS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50432 GENERAL WELDING CONCERNS RELATED TO UNIT 2

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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 2	REPORT SAF	APPL RELATED	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
EX -85-076-00201 T50184	HE	50432	N	HBN	1	N	H H Y		QTC	CABLE TRAY SUPPORTS, INSPECTIONS ON THE WELDS, COULD NOT PASS CRITERION USED FOR TODAY'S INSPECTIONS. EXAMPLES CAN BE FOUND AT AZ100 DEGREES, ELEVATION 735, UNIT 2. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.
EX -85-154-00101 T50206	WE	50432	N	HBN	1	N	N N Y		QTC	MANY CABLE TRAYS HAVE LOCATION BRACKETS THAT ARE NOT WELDED TO THE CABLE TRAY SUPPORTS. CI ESTIMATE D 20-25% OF THE BRACKETS IN THE ANNULUS OF UNIT 2 HAVE NOT BEEN WELDED - MANY HAVE BEEN PAINTED EVEN THOUGH THEY HAVEN'T WELDED. CI HAS NO MORE INFORMATION. CONSTRUCTION DEPT. CONCERN.
HI -85-084-N0201	HE	50432	N	HBN	1	N	N N Y		NRC	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF THE QTC FILE, "ADDITIONAL WELDS ON HANGERS." FROM REVIEW OF THE FILES CONCERN APPEARS TO AFFECT WELDS ON HVAC HANGERS ADDRESSED BY AN NCR. THESE WELDS DID NOT APPEAR ON THE ORIGINAL DRAWINGS.
IN -85-062-00201 T50114	WE	50432	N	HBN	1	N	N N Y		QTC	ON UNIT 2 SIDE, CONTROL BUILDING, ELEV. 741', THE WELDS ON APPROX. 240-250 CONDUIT SUPPORTS HAVE NOT BEEN INSPECTED BY WELD ENGINEERING. THE ELECT. ENGINEERING UNIT HAVE PERFORMED VISUAL INSPECTIONS (IE: CONFIGURATION, LOCATION) OF THESE CONDUIT SUPPORTS. WELD ENGINEERING UNIT HAS RESPONSIBLE FOR PERFORMING THE WELD INSPECTIONS OF THESE CONDUIT SUPPORTS BUT NEVER DID THE WELD INSPECTIONS. C/I DOES NOT KNOW ANY FURTHER SPECIFIC/DETAILS. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW-UP REQUIRED.
IN -85-089-00401 T50066	WE	50432	N	HBN	1	N	N N Y		QTC	REACTOR B2, 12" STAINLESS STEEL PIPE WELDS ARE UNDERSIZED AND CONCAVE. CI WANTS TO BE CONTACTED ON SITE DURING LUNCH TIME BY ERT INVESTIGATOR. AT THAT TIME, CI WILL PROVIDE ADDITIONAL INFORMATION AND WILL SHOW ERT SPECIFIC EXAMPLES IN THE PLANT.
IN -85-156-00101 T50156	WE	50432	N	HBN	1	N	N N Y		QTC	DUE TO LOW MORALE, MISTRUST OF TVA CRAFT SUPERVISORS AND DISCONTENTMENT AMONG CRAFT, SHODDY WORKMANSHIP AND SEVERAL REWORKS HAVE RESULTED. EXAMPLE, WELDS ON PLATFORMS IN TURBINE BLDG., ELEV. 729' UNIT 2 SIDE WERE INITIALLY ACCEPTED DURING 1979 OR 1980, BUT SUBSEQUENTLY REWORKED DURING 1985. ALSO, STRUCTURAL WELDS IN AUX. BLDG., NORTH VALVE ROOM UNIT 2 SIDE WERE REWORKED SOME WELDS CUT OUT AND REWELDED. CONSTRUCTION DEPT. CONCERN. NO FOLLOW UP REQUIRED.

REFERENCE - ECPS120J-ECPS121C
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 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50432 GENERAL WELDING CONCERNS RELATED TO UNIT 2

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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	BL	SQ				IB
IN -85-156-00201 T50156	WE	50432	N	HBN	1	N	N	N	Y		QTC	THE HELDS ON PLATFORMS IN TURBINE BLDG., EVE. 729' UNIT 2, ORIGINALLY WERE ACCEPTED DURING 1979 OR 1980. YET, DURING 1985, THE HELDS ON THESE PLATFORMS WERE REWORKED TO CORRECT FLAWS SUCH AS, UNDERSIZED HELDS, UNDERCUT, OVERSIZED HELDS OR SLAG LEFT ON HELDS. CI STATED THESE HELDS WERE DONE IMPROPERLY THE FIRST TIME AND SHOULD NEVER HAVE PASSED INSPECTION AND BEEN ACCEPTED. CI IS CONCERNED THAT THERE COULD BE OTHER AREAS OF THE PLANT WITH THIS SAME CONDITION (INITIALLY ACCEPTED WORK LATER REQUI
IN -85-299-00301 T50188	WE	50319	S	HBN	1	N	N	Y	N		QTC	SS HELDS SEEM TO HAVE EXCESS METAL REMOVED AT BUTT WELD JOINTS, ALSO THE HELDS EXHIBIT EXCESSIVE SHRINKAGE AT JOINTS. THIS CONCERN IS GENERIC BUT HAVE EXAMPLES. THIS HAS BEEN NOTICED FOR THE PAST 6 YEARS IN BOTH UNITS. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT CONCERN. (SQN ISSUES ADDRESSED IN RPT WP-19-SQN R1)
02	WE	50234	S	HBN	1	N	Y	N	N			
03	WE	50111	S	HBN	1	Y	N	N	N			
04	WE	50446	S	HBN	1	N	N	N	Y			
05	WE	50446	S	HBN	1	N	N	N	Y			
06	WE	50432	S	HBN	1	N	N	N	Y			
IN -85-349-00201 T50209	WE	50432	N	HBN	1	N	N	N	Y		QTC	INSPECTORS (SPECIFIC INDIVIDUALS UNKNOWN) WILL OFTEN REJECT A WELD FOR BEING UNDERSIZED OR OVERSIZED WITHOUT PERFORMING ADEQUATE INSPECTIONS. THEY (I NSP) JUST "EYEBALL" THE WELD AND MAKE A "JUDGEMENT" CALL. UNIT 2. CONSTRUCTION DEPT. CONCERN. CI COULD NOT PROVIDE ANY ADDITIONAL INFORMATION.
IN -85-404-00101 T50017	WE	50432	N	HBN	1	N	N	N	Y		QTC	HELDS ARE BEING REWORKED TOO MANY TIMES AND MAY IMPAIR THE QUALITY OF THE WELD TO SOME EXTENT. NO SPECIFIC DATA HAS AVAILABLE. (UNIT 2)

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 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50432 GENERAL HOLDING CONCERNS RELATED TO UNIT 2

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CATEGORY: WE NON QA/QC HOLDING

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL 2 SAF RELATED				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
					BF	BL	SQ	HB			
IN -85-413-00201 T50016	WE	50432	N	HBN	1	N	N	N	Y	QTC	HBHP UNIT 2 HAS A HANGER WHICH DOES NOT MEET DRAWING REQUIREMENTS RELATIVE TO WELD LENGTH. HANGER IS LOCATED AT 692' FLOOR ELEVATION, 710' HANGER ELEVATION, 15' NORTH OF "U" LINE, 6'-8" WEST OF A-13. TVA SUPERVISION (NAME KNOWN) INSTRUCTED INDIVIDUAL TO TURN THE PAPERWORK OVER TO THEM, AS THEY DISAGREED WITH INDIVIDUALS CONCLUSION TO REJECT HANGER. NO FURTHER DETAILS AVAILABLE.
IN -85-440-00101 T50105	WE	50432	N	HBN	1	N	N	N	Y	QTC	WHEN CRAFT CALL FOR INSPECTIONS THEY ONLY REQUEST INSPECTION OF HEAVY-REWORKED AREAS, AND INSPECTORS OFTEN OVERLOOK "OLD" WORK THAT IS ACTUALLY DISCREPANT. EG: 1) 4X4 TUBE STEEL HANGER IN PIPE CHASE, UNIT 2 AUX. -730'-740' EL. HAS GROUPS IN BASE METAL. (2) UNIT 2 PIPECHASE, 692' EL. LARGE HANGER OF 4"x13" I-BEAM MOUNTED AT CORNER, ATTACHED TO 2 WALLS. HAS 2 45 D STRUTS TO CLAMP AROUND 10" DIA S.S. PIPE. ONE ATTACHMENT LUG FROM ONE STRUT HAS BEEN CUT OFF, AND LEFT GOUGES IN BASE METAL. NO
IN -85-475-00101 T50037	WE	50432	N	HBN	1	N	N	N	Y	QTC	PIPE AND STRUCTURAL WELDS IN THE TURBINE BUILDING ARE POOR. EXCESSIVE UNDERCUT, LACK OF FILLER METAL, AND LACK OF PENETRATION GENERALLY THROUGHOUT THE BUILDING. (UNIT 2)
IN -85-515-00201 T50102	WE	50432	N	HBN	1	N	N	N	Y	QTC	CRAFT (KNOWN) EITHER NOT QUALIFIED, OR JUST DOING "SHODDY" WORK. (EG, (1) UNIT 2, CHASE 02 HANGER 847A435225 FOR 3" DIA. S.S. PIPE. SHIM NOT CLEANED PROPERLY--CAUSED EXCESSIVE WELD SPATTER. (2) CRACKED LUGS ON -2" DIA. S.S. PIPE LOCATED AT ABOUT T LINE AND A-11/12 OR A12/13. CI HAS NO FURTHER INFORMATION. NO FURTHER FOLLOW UP REQUIRED.
IN -85-524-00201 T50046	WE	50432	N	HBN	1	N	N	N	Y	QTC	HANGERS IN REACTOR II ACCUMULATOR ARE NOT WELDED COMPLETELY AROUND THE OUTSIDE OF THE HANGER. DUE TO OTHER CONDUITS & PIPES IN THE WAY OF WELDERS.
IN -85-530-00101 T50046	WE	50432	N	HBN	1	N	N	N	Y	I-85-215-HBN QTC	WELDS IN THE 02 REACTOR BLDG ARE NOT PUT IN ACCORDING TO PROCEDURE. THE WELDS ARE LOCATED AT ELEVATION 744 AT THE BOTTOM OF THE CATHALK. UNISTRUT IS WELDED TO AN I BEAM, SUPPORTS ARE APPROX. 2' BELOW WHERE ICE DUMPS INTO LOWER CONTAINMENT. THE WELDS ARE NOT STENCILED.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50432 GENERAL WELDING CONCERNS RELATED TO UNIT 2

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 RUN DATE - 03/08/88

CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	RELATED	BF				BL
IN -85-641-00201 T50131	HE	50445	N	HBN	1	N	N	N	Y	QTC	UNIT 1&2 REACTOR VESSELS INSIDE CAVITY WALL (CONTAINMENT LINERS) AND THE T-BAR SHIMS EXHIBIT CRACKS. SUPERVISION/MANAGEMENT PERSONNEL (NAMES KNOWN) WERE INFORMED BUT MADE NO EFFORT TO INVESTIGATE/RESOLVE INDIVIDUAL'S CONCERN. THE LOCATION OF CRACKS IS AT ELEV 725'-0" AND TIME FRAME FOR OBSERVATION IS UNIT 1 IN '82 AND UNIT 2 IN '83. CONSTRUCTION DEPT CONCERN. CI HAS NO ADDITIONAL INFORMATION.	
	02	HE	50432	S	HBN	1	N	N	N			Y
IN -85-643-00201 T50061	HE	50432	N	HBN	1	N	N	N	Y	IN-85-643-002	QTC	HELDS WERE PAINTED OVER SLAG. THE SLAG COULD BE BROKEN OFF BY HAND. 1983, 729' ELEV., CEILING AREA AT ABOUT 755' ELEV., TURBINE BLDG., UNIT 2 ON THE MAIN SUPPORT BEAM.
					2	NA	NA	NA	SR			
IN -85-682-00101 T50241	HE	50432	N	HBN	1	N	N	N	Y	QTC	HANGER MAY HAVE BEEN IMPROPERLY INSPECTED BECAUSE OF INACCESSIBLE HELDS. DETAILS KNOWN TO QTC, WITH HELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN. CI HAS NO FURTHER INFORMATION.	
					2	NA	NA	NA	SR			
IN -85-707-00101 T50070	HE	50432	N	HBN	1	N	N	N	Y	QTC	HELDS WITH BAD-LOOKING CAPS/APPEARANCE. ACCUMULATOR, UNIT 2 EXAMPLE #1: UP LADDER INTO ACCUMULATOR, LOOK TO IMMEDIATE RIGHT, ALL THE WAY AGAINST WALL - HORIZONTAL STRUT NOT CAPPED COMPLETELY. EXAMPLE #2: UP LADDER TO TOP, STAND AND LOOK STRAIGHT UP - POOR HELDS, WHICH LOOK STRUCTURALLY INADEQUATE - HANGER MADE OF APPROX. 4" I-BEAM INSTEAD OF TUBE STEEL.	
					2	NA	NA	NA	SR			
IN -85-730-00301 T50223	HE	50432	N	HBN	1	N	N	N	Y	QTC	NON-DESTRUCTIVE EXAMINATION (MT OR PT) HAS NOT BEEN PERFORMED ON FIT UP OR FINAL WELD INSPECTIONS OF PROTECTION DEVICES IN UNIT 02 SINCE JULY 1984. THIS INCLUDES THE MAIN STEAM GENERATOR PROTECTION DEVICES AT ELEVATION 726'. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	
					2	NA	NA	NA	SR			
IN -85-828-00101 T50086	HE	50432	N	HBN	1	N	N	N	Y	QTC	CABLE TRAY SUPPORTS IN THE ANNULIS AREA OF REACTOR 02 EXHIBIT UNDERCUT. THESE SUPPORTS ARE LOCATED AT (APPROX) ELEV. 740 NEXT TO THE LADDER GOING FROM THE TOP OF THE ANNULIS TO THE BOTTOM. THE TRAY IS A VERTICAL RUN.	
					2	NA	NA	NA	SR			

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50432 GENERAL WELDING CONCERNS RELATED TO UNIT 2

PAGE - 64
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 RUN DATE - 03/08/88

CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S R PLT D LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
				2	SAF	BL	SQ			
IN -85-996-00201 T50156	HE	50432	N WBN	1	N	N	N	Y	QTC	ABOUT TWO YEARS AGO, SOME 4" DIAMETER PIPE WAS ERRONEOUSLY CUT OUT, AND WHEN THE ERROR WAS DISCOVERED, THE PIPE SPOOLS WERE "CLEANED UP" AND REWELDED WITHOUT DOCUMENTATION OR AUTHORIZATION. THE 4 PIPES ARE CONNECTED TO 4 COMPRESSORS (CONTROL/SERVICE AIR) ON 70' ELE IN UNIT 2 AUX. BLDG. ABOUT 5' AWAY FROM "K" LINE AT ITS INTERSECTION WITH "T-8" LINE. CI HAS NO MORE INFORMATION. CONSTRUCTION DEPT. CONCERN. NO FOLLOW UP REQUIRED.
IN -86-017-00101 T50109	HE	50432	N WBN	1	N	N	N	Y	QTC	HELDS HAVE WRONG PROFILE (UNDERCUT AND ALOT OF SPATTER) ON 16" STEEL PIPE TYPE DUCT GOING TO FANS. RB02, FAN ROOM 03, TOP OF FAN ROOM, AT THE CEILING, DIRECTLY ABOVE GRATING. CI HAS NO MORE INFORMATION. NO FOLLOW UP REQUIRED.
IN -86-047-00201 T50110	HE	50432	N WBN	1	N	N	N	Y	QTC	WRONG WELD PROFILE ON A SPOOL ON A 8" SS PIPE, SCH 160, PIPE CHASE, UNIT 02, 730' OR 724' ELEV., APR-MAY 1985. CI HAS NO ADDITIONAL INFORMATION.
IN -86-131-00501 T50176	HE	50432	N WBN	1	N	II	N	Y	QTC	HELDS AT EAST ENTRANCE OF TURBINE BLDG., ARE NOT COMPLETED ON 24" MAIN STEAM LINE NORTH OF BIG GATE VALVE. UNIT 2 CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.
IN -86-155-00201 T50127	HE	50432	N WBN	1	N	N	N	Y	I-85-501-WBN QTC	HANGER HAS UNACCEPTED WELDS. RACEWAY, RB 02, AZ-95 0, ELEV. 702', HANGER NO. 2-62A-245. CONSTRUCTION CONCERN. CI HAS NO FURTHER INFORMATION.

27 CONCERNS FOR CATEGORY HE SUBCATEGORY 50432

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPSS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50433 ADEQUACY OF TVA PERFORMED RADIOGRAPHIC EXAMS

PAGE - 65
 RUN TIME - 13:03:41
 RUN DATE - 83/08/88

CATEGORY: WE NDN QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
					2	SAF	RELATED	BF			
IN -85-272-00301 T50091	WE	50433	N	WBN	1	N	N	N	Y	QTC	RADIOGRAPHS OF HELDS REVEALED VOIDS IN 4" CARBON S TEEL VALVE, SYSTEM 3A (REACTOR FEEDWATER), UNIT 2, NORTH VALVE ROOM ELEV. 720'.
IN -85-358-00101 T50098	WE	50433	N	WBN	1	N	N	N	Y	QTC	RADIOGRAPHIC SOURCE/RADIOGRAPHIC TECHNIQUE MIGHT HA VE BEEN INADEQUATE ON SAFETY-RELATED PIPING. CI O BSERVED APPARENTLY INADEQUATE RADIOGRAPHY IN MANY D IFFERENT AREAS, EG. 32" OR 36" MAIN STEM HORIZONTAL AL RUII 40'-60' LONG BEHIND SECURITY, 20' OFF FLOOR ; WELD ABOUT HALFWAY IN RUN TO REHEATERS. INTERSE CTION OF LONGITUDINAL AND CIRCUMFERENTIAL WELD IN DAVD (STRAIGHT) SPOOL PIECE. (ONG-SEAM INTERSECTI ON SHOWN IN CIRCUM. RADIOGRAPH.
IN -85-852-00201 T50086	WE	50433	N	WBN	1	N	N	N	Y	QTC	FIFTH WELD ON 10" SS LINE RUNNING FROM BOTTOM OF A CCUMULATOR TANK ON UNIT 2 HAS ACCEPTED ON FIRST X- RAY. IT WAS RE-X-RAYED AND REJECTED. QUESTIONABL E ADEQUACY OF INITIAL INSPECTION AS PERTAINS TO OT HER HELDS.
IN -86-205-00901 T50148	WE	50433	N	WBN	1	N	N	N	Y	QTC	RADIOGRAPHIC TECHNICIAN/INTERPRETER REFUSED TO USE GOOD FILM DEVELOPING TECHNIQUE. R.T. TECHNICIAN/ INTERPRETER WOULD NOT AGITATE FILM AND WOULD NOT E NSURE THAT AIR BUBBLES WERE NOT PRESENT ON FILM. T HIS INDIVIDUAL'S (KNOWN) BAD FILM DEVELOPING TECHN IQUE CAUSED "RADIOGRAPHIC ARTIFACTS" (FALSE INDICA TIONS OF DISCONTINUITIES) WHICH WERE USED TO WRONG LY REJECT HELDS. (CONSTRUCTION 1978) CONSTR. DEPT . CONCERN. CI HAS NO FURTHER INFORMATION. NO FOL LOWUP REQUIRED.

4 CONCERNS FOR CATEGORY WE SUBCATEGORY 50433

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50434 STRUCTURAL WELDING IN THE MAIN STEAM VALVE ROOMS

PAGE - 66
 RUN TIME - 13:03:41
 RUN DATE - 03/02/88

CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	BL	BL				BL
IN 85-085-00101 T50175	HE	50434	N	HBN	1	N	N	H	Y	IN-85-085-001	QTC	POOR QUALITY OF WELDS ON HANGER INSTALLED 2 WEEK P RIOR TO HOT FUNCTIONAL TEST IN UNIT 1 REACTOR BLDG , SOUTH VALVE ROOM. WELDS ON THIS HANGER HAD MANY UNACCEPTABLE WELD PROFILES WHICH REQUIRE REPAIR. C/I DOES NOT KNOW IF WELDS HAVE BEEN REPLACED. C ONSTRUCTION DEPARTMENT CONCERN. ADDITIONAL INFORM ATION KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALIT Y. C/I HAS NO FURTHER INFORMATION.
IN 85-085-00201 T50181	HE	50434	N	HBN	1	N	N	H	Y		QTC	DUE TO POOR QUALITY OF WELDS ON PIPE SUPPORT LOCAT ED IN UNIT 1 SOUTH VALVE ROOM UNDER MAIN HEADER (H ANGER 0 NOT KNOWN), C/I QUESTIONS HOW THESE WELDS PASSED Q.C. INSPECTION AND FEELS THE PAPERWORK (IN SPECTION REPORTS) WAS FALSIFIED BY Q.C. INSPECTOR(S). C/I DOES NOT KNOW Q.C. INSPECTOR(S) INVOLVED. C/I COULD NOT PROVIDE ANY ADDITIONAL INFORMATION . CONSTRUCTION DEPT. CONCERN.
IN 85-216-00101 T50008	HE	50434	N	HBN	1	N	N	N	Y	IN-85-216-001	QTC	WELD SEQUENCE DURING REWORK OF STRUCTURAL STEEL ME MBERS IN NORTH & SOUTH MAIN STEAM VALVE ROOMS (UNITS 1 & 2) IS NOT IN ACCORDANCE WITH DWG (881708-14). WORK PACKAGE(S) ASSOCIATED WITH REWORK DO NOT GIVE A SE QUENCE. POSSIBLE OVERSTRESSING OF WELDS BECAUSE O F OUT OF SEQUENCE WELDING
IN 85-380-00301 T50098	HE	50434	N	HBN	1	N	N	H	Y		QTC	DEFECTIVE STRUCTURAL WELDS IN "SHORT "INTERMEDIATE BEAMS" MAIN LEVEL IN UNIT 2 S VALVE ROOM, 18'-25' FROM SHALL ACCESS DOOR IN EAST HALL 729' ELEV JU ST OFF OF CENTERLINE OF REACTOR B2. WELDS SHOULD BE FULL-PENETRATION LARGE ENOUGH TO RECEIVE A PEN CIL EXIST ON UNDERSIDE OF THESE STRUCTURAL MEMBERS WHERE FIT UPS DID NOT MATCH UP PERFECTLY.
IN 85-584-00201 T50055	HE	50434	N	HBN	1	N	N	H	Y	PH-85-027-001	QTC	U.T. INSPECTION OF FULL PENETRATION STRUC "URAL STE EL WELDS IN THE NORTH & SOUTH VALVE ROOMS OF UNIT B2 WERE INADEQUATELY PERFORMED OR NOT PERFORMED AT ALL. CI STATED THAT THIS SAME ACTIVITY PERFORMED IN UNIT 1 TOOK APPROX THICE AS LONG AND HE/SHE CO ULD NOT BELIEVE THAT IT HAD DONE IN UNIT 2 AS FAST AS IT WAS.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 GNP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50434 STRUCTURAL WELDING IN THE MAIN STEAM VALVE ROOMS

PAGE - 67
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 RUN DATE - 03/08/88

CATEGORY: HE NON QA/QC WELDING

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
IN -85-671-00401 T50125	HE	50434	N	HBN	1 N N N Y 2 NA NA HA SR	I-85-499-HBN	QTC	HELDS (STRUCTURAL) IN NORTH & SOUTH VALVE ROOMS IN AUX BLDG UNIT 1 WERE REJECTED BY P.T. BUT AFTER RENOK/REPAIR WERE FINALLY ACCEPTED BY V.T., INSTEAD OF R.T. AGAIN. THIS PRACTICE OCCURRED IN JUNE '85. LOCATION: COL. LINE 1 & C, 6 & C, OR E, UNIT 1. CONSTRUCTION DEPT CONCERN. CI HAS NO ADDITIONAL INFORMATION.
IN -86-032-00101 T50177	HE	50434	N	HBN	1 N N N Y 2 NA HA NA SR	PH-85-027-001	QTC	THE STRUCTURAL STEEL IN SOUTH VALVE ROOM UNIT 1 HAS DEFECTIVE HELDS. BEAM AT A1-K 733' -10" IS MISLOCATED ON EMBED PLATE. B13 DETAIL DWG. 48W1707-13 HELDS ON BEAM AT A15-K 733' -10" HAVE CARBON ARC SLAG IMBEDDED IN THEM. B18 DETAIL DWG 48W1707-18. CI HAS NO FURTHER INFORMATION. CONST. DEPT. CONCERN. NO FOLLOW UP REQUIRED.
IN -86-032-00201 T50179	HE	50434	N	HBN	1 N N N Y 2 NA NA HA SR	PH-85-027-001	QTC	WELDERS WERE HIRED BY TVA TO COSMETICALLY REPAIR STRUCTURALLY DEFECTIVE HELDS IN THE NORTH AND SOUTH VALVE ROOMS. WELDERS WERE DIRECTED TO PLACE COVER PASSES OVER CRACKS WITHOUT EXCAVATING DEFECTIVE MATERIAL. NO SPECIFIC HELDS SPECIFIED. MANAGEMENT PERSONNEL INVOLVED IN ALLEGED COVER-UP WERE SPECIFIED (NAMES KNOWN). C/I HAS NO FURTHER INFORMATION. NSRS HAS ASSIGNED RESPONSIBILITY FOR INVESTIGATION OF THE ABOVE CONCERN
IN -86-297-00101 T50151	HE	50434	N	HBN	1 N N N Y 2 NA HA NA SR		QTC	IN THE NORTH VALVE ROOM OF UNIT 1, ON THE LARGE PIPE WHIP RESTRAINTS, 1983 THERE WERE SEVERAL HELDS THAT WERE CRACKED. CI HAS LAID OFF BEFORE THE HELDS WERE REPAIRED. CONSTRUCTION CONCERN. CI HAS NO ADDITIONAL INFORMATION. FOLLOW-UP NOT REQUIRED.
PH -85-027-00101 T50081	HE	50434	N	HBN	1 N N N Y 2 NA NA HA SR	PH-85-027-001	QTC	MATERIAL/HELDS WITH DISCONTINUITIES/INDICATIONS IN THE MSRV RESTRAINTS, UNIT 1, ON THE MSRV MAIN BLOWDOWN PIPING. (I.E. CRACKS - LAMINATION), INCIDENT TIME-SPAN FEB./MARCH 1984. REF. G 29C. SPECIFICATION. REPAIRS MAY NOT HAVE BEEN PREFORMED. TVA ENGINEERING (NAME KNOWN) HAS NOTIFIED, INDETERMINATE AS TO WHETHER CORRECTIVE ACTION WAS PERFORMED/IS UNDERWAY. NO FURTHER DETAILS AVAILABLE.
PH -85-027-00201 T50081	HE	50434	N	HBN	1 N N N Y 2 NA NA HA SR	PH-85-027-001	QTC	PROCESS UTILIZED FOR THE REPAIR OF MSRV RESTRAINTS (UNIT 1) ON THE BLOWDOWN PIPING HAS NOT FOLLOWED (I.E. PRE-HEAT, INTER-PASS TEMP. AND WELDING) CAUSED STRESS ON MATERIALS AND OTHER HELDS. INCIDENT TIME SPAN - FEB/MARCH 1984. NO FURTHER DETAILS AVAILABLE.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHW

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPSS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50434 STRUCTURAL WELDING IN THE MAIN STEAM VALVE ROOMS

PAGE - 68
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CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LDC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	RELATED	BF				BL
PH -85-027-00401 T50076	HE	50434	N	HBN	1	N	N	H	Y	PH-85-027-001	QTC	UNAUTHORIZED REPAIRS CONDUCTED VIA WELDING OVER DI SCOTINUITIES/INDICATIONS (CRACKS-LAMINATION) PRIOR TO QC INSPECTION ON THE MATERIAL/WE FOR THE MSRO BLOWDOWN PIPING RESTRAINTS, UNIT 2. INCIDENT OCCURRED DURING FEB./MARCH 1984. REF. PH-85-027-002.
PH -85-027-00501 T50076	HE	50434	N	HBN	1	N	N	N	Y	PH-85-027-001	QTC	NDE EXAM MAY NOT HAVE BEEN CONDUCTED (UT) ON REPAIRS OF MATERIAL/WELDS. REF. PH-85-027-001,-002. NO FURTHER DETAILS AVAILABLE.
PH -85-027-00601 T50185	HE	50434	N	HBN	1	N	N	N	Y		QTC	A WELD, WHICH HAD BEEN IMPROPERLY MADE, WAS ACCEPTED IN A QUESTIONABLE MANNER. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. UNIT 1. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.
PH -85-027-00701 T50185	HE	50434	N	HBN	1	N	N	N	Y		QTC	CI STATED THAT AN INDIVIDUAL WAS "COVERING" OTHER WELDER'S WELDS, AND APPLYING THE INDIVIDUAL'S STENCIL TO THE COMPLETED WELDS. CI COULD NOT RECALL INDIVIDUALS NAME OR STENCIL IDENTIFICATION. CI ALSO STATED THAT THIS SAME INDIVIDUAL MADE WELDS IN A QUESTIONABLE MANNER, WITHOUT ADHERING TO PROPER WELD PROCEDURES. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT. CONCERN UNIT 1. CI HAS NO FURTHER INFORMATION.

15 CONCERNS FOR CATEGORY HE SUBCATEGORY 50434

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50441 WELD SAMPLING PROGRAM

PAGE - 69
 RUN TIME - 13:03:41
 RUN DATE - 03/06/88

CATEGORY: HE NON QA/QC HOLDING

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL 2 SAF RELATED BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -85-442-00801 150090	QA	80405	S	HBN	1 N N N Y 2 NA NA NA SR		QTC	ENGINEERING EVALUATIONS PER QCP 1.08 ARE BY DEFAULT Y, BEING UTILIZED TO DISPOSITION NONCONFORMANCES R ELATIVE TO DOCUMENTATION ON HARDWARE ITEMS. CI EX PRESSED 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 WERE RELATED TO SUPPORT THIS CONCERN. ON 6 /7/85 AN ENGINEERING EVALUATION HAS WRITTEN CONCERNING THE LACK OF INSTALLATION DOCUMENTATIONS ON EM
02	HE	50441	S	HBN	1 N N N Y 2 NA NA NA SR			
03	QA	80253	S	HBN	1 N N N Y 2 NA NA NA SR			
IN -85-868-00201 150245	HE	50441	N	HBN	1 N N N Y 2 NA NA NA SR		QTC	CI STATED THAT WELDS IN CONTROL BUILDING ON STRUCTURAL STEEL WERE BOUGHT OFF ON A WELD SAMPLE BASIS AND WERE NOT GOOD. CI DECLINED TO PROVIDE ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN.
IN -85-887-00101 150255	HE	50441	N	HBN	1 N N N Y 2 NA NA NA SR	IN-85-887-001	QTC	WELD SAMPLING PROGRAM FOR CABLE TRAY SUPPORTS INITIATED 12/81 BECAUSE OF WELD DEFECTS AND/OR LACK OF DOCUMENTATION DID NOT INCLUDE GROOVE WELDS MADE AT SUPPORT MEMBERS TO EMBED OR ATTACHED PLATES. THE WELDING PROCEDURES WERE CHANGED TO DELETE FIT-UP INSPECTIONS BECAUSE THERE WAS NO DOCUMENTATION AVAILABLE FOR PREVIOUS WELDS. CONSTRUCTION CONCERN. NO ADDITIONAL INFORMATION AVAILABLE IN FILE.
IN -86-019-00301 150219	HE	50441	N	HBN	1 N N N Y 2 NA NA NA SR		QTC	THE LIST OF WELDS SELECTED BY ENDES FOR THE ELECTRICAL SUPPORT FILLET WELD SAMPLE PROGRAM WAS PROVIDED TO CONSTRUCTION. SUBSEQUENTLY A MANAGER (NAME KNOWN) DIRECTED WELDERS TO PERFORM MAJOR COSMETIC REPAIRS OF THE WELDS PRIOR TO THE ENDES INSPECTION. CONSTRUCTION DEPT. CONCERN. UNIT 1. 1980-81. CI COULD PROVIDE NO ADDITIONAL INFORMATION.
IN -86-037-00101 150237	HE	50441	N	HBN	1 N N N Y 2 NA NA NA SR		QTC	AS A RESULT OF THE FILLET WELD SAMPLE PROGRAM, WELDS ON 737' AUX. BUILDING WERE REPAIRED, BUT NO DOCUMENTATION WAS GENERATED FOR THE REINSPECTION OF THE REPAIRS. NEITHER HAS DOCUMENTATION GENERATED IDENTIFYING THE REPAIRED WELDS. ALSO, WELDS UNDER THE SAMPLE PROGRAM WERE REPAIRED PRIOR TO THE REINSPECTION. CI HAS NO ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN. UNIT 1. NO FOLLOW UP REQUIRED.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 OHP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50441 WELD SAMPLING PROGRAM

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 RUN DATE - 03/08/88

CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL 2 SAF RELATED BF BL SQ WB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
WI -85-029-00201 150061	HE	50441	N	NBN	1 N H N Y 2 NA HA NA SR	IN-85-851-001	QTC	WELD (AWS) INSPECTION DEFICIENCIES FOR INSTRUMENTATION SUPPORTS HAVE NOT BEEN ADDRESSED; SAMPLING RE INSPECTION PROGRAMS FOR OTHER STRUCTURAL WELDS (PIPE HANGERS, CABLE TRAY AND CONDUIT SUPPORTS, ETC.) DID NOT ADDRESS INSTRUMENT SUPPORT WELDS INSTALLED DURING THE SAME PHASE/PERIOD OF CONSTRUCTION. ADDITIONAL DETAILS AVAILABLE BUT WITHHELD TO MAINTAIN CONFIDENTIALITY.

6 CONCERNS FOR CATEGORY HE SUBCATEGORY 50441

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 GNP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPSS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50442 USE OF E6010 ELECTRODES

PAGE - 71
 RUN TIME - 13:03:41
 RUN DATE - 03/08/88

CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	FLT LOC	1 REPORT APPL 2 SAF RELATED						HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
					BF	BL	SQ	IB					
IN -86-035-00201 150179	HE	50442	N	WBN	1	N	N	N	Y			QTC	WELDING PROGRAM HAS NOT BEEN ADEQUATELY DEFINED AT HBNP FOR NON-CSSC WELDS. EXAMPLE: TEMPORARY INSTRUCTION CHANGE HAS ISSUED TO SUBSTITUTE 6010 ROD F OR 7018 ROD ON THE STATION SUMP (IC-84-211). NUC. PHR. DEPT. CONCERN. NO ADDITIONAL INFORMATION IS AVAILABLE.
IN -86-112-00201 150169	HE	50442	N	WBN	1	N	N	N	Y			QTC	6010 WELDING RODS WERE USED FOR 2 OR 3 DAYS BETWEEN SEPT-DEC, 1984. NO APPROVED WELDING PROCEDURE ADDRESSED THE WELD ROD. CI THINKS THAT WELD ROD WAS PROCURED FROM MATTS BAR STEAM PLANT. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. RODS MAY HAVE BEEN USED IN THE TURBINE BUILDING ON THE STATION SUMP. NUC POWER CONCERN.
PH -85-035-00301 150194	HE	50442	N	WBN	1	N	N	N	Y			QTC	THE 32" HEAVY WALL INTAKE PIPE FROM THE INTAKE PUMP HOUSE AT RIVER TO THE REACTOR WAS WELDED WITH 6010 P.5 FILLER MATERIAL INSTEAD OF 7018 AS REQUIRED BY PROCEDURE. THIS OCCURRED ABOUT 1983. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.

3 CONCERNS FOR CATEGORY HE SUBCATEGORY 50442

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
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 SUBCATEGORY: 50443 WELDING INSPECTION PROGRAM AND PROCEDURES

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CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S M R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	RELATED	BF				BL
ECTG-7	01	HE	50443	N	NPS	1	N	N	N	Y	NRC	BEFORE 1979, TVA HAD NO WELD INSPECTION. QC INSPECTORS' PERSONNEL FROM WELDING ENGINEERING DID INSPECTIONS. (REF: QTC LETTER TO C. H. DEAN DATED MAY 30, 1986.)
IN -85-101-00201	HE	50443	N	HBN	1	N	N	N	Y		NRC	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF THE QTC FILE: WHILE WELDING CAPS OVER DRAIN LINES, WATER WAS COMING THROUGH THE LINE AND FALLING ON WELDER.
IN -85-001-00101 T50001	HE	50443	N	HBN	1	N	N	N	Y	IN-85-001-001	QTC	QC INSPECTIONS FROM 1976 - 1982 DID NOT MEET CODE REQUIREMENTS. ONLY WHAT CRAFT CONSIDERED QUALITY.
IN -85-001-00301 T50001	HE	50443	N	HBN	1	N	N	N	Y	IN-85-001-003	QTC	HELDS DONE ON 01 RX VESSEL WERE MADE UNDER OR IN THE PRESENCE OF WATER.
IN -85-022-00101 T50155	HE	50443	N	HBN	1	N	N	N	Y		QTC	QC INSPECTIONS OF PIPE SUPPORTS IN AUXILIARY AND REACTOR BUILDINGS MAY NOT HAVE BEEN PERFORMED. CI DID NOT KNOW ANY SPECIFIC HANGER NUMBERS OR SYSTEM NUMBERS OF PIPE SUPPORTS WHICH WERE NOT INSPECTED BY QC.
IN -85-203-00301 T50156	HE	50443	N	HBN	1	N	N	N	Y		QTC	WELD INSPECTORS ARE REJECTING HELDS FOR ARC STRIKES AND/OR WELD SPLATTER OUTSIDE THE HEAT AFFECTED ZONE. CI WOULD NOT PROVIDE ANY ADDITIONAL DETAILS/SPECIFICS. CONSTRUCTION DEPT. CONCERN. NO FOLLOW UP REQUIRED.
IN -85-310-00401 T50210	HE	50443	N	HBN	1	N	N	N	Y		QTC	QC MORE CONCERNED WITH HANGER HELDS RATHER THAN PIPING HELDS. NOT ALL INSPECTORS, BUT A SIGNIFICANT NUMBER ARE. HBNP BOTH UNITS. CONSTRUCTION DEPT. CONCERN. (DETAILS KNOWN TO QTC, BUT WITHHELD FOR CONFIDENTIALITY). CI HAS NO FURTHER INFORMATION.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 OHP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
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CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT 2 SAF	APPL RELATED	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -85-406-00201 T50013	HE	50135	S	HBN	1 Y N N H 2 SS NA HA NA			QTC	PRIOR TO 1979 THERE HAS NO SPECIFIC WELD INSPECTION CRITERIA FOR USE BY INSPECTION PERSONNEL. IT IS BELIEVED THAT THIS PROBLEM HAS VALID TVA SYSTEM WIDE - ALL PLANTS. (SQM ISSUES ADDRESSED IN RPT MP-09-SQM R1)
02	HE	50309	S	HBN	1 N H Y N 2 NA HA SS HA				
03	HE	50243	S	HBN	1 N Y N H 2 NA SS NA HA				
04	HE	50443	S	HBN	1 N N N Y 2 NA HA HA SS				
IN -85-442-00401 T50044	HE	50443	N	HBN	1 N N N Y 2 NA NA NA SR			QTC	WELD INSPECTION OF NON-QA (NON SAFETY RELATED) ITEMS IS PERFORMED BY INDIVIDUALS WHO HAVE HAD LITTLE OR NO TRAINING IN WELD INSPECTION (SUCH AS ENGINEERS). CI CONCERN IS THAT IF WELD INSPECTION IS REQUIRED AS A PART OF THE CONSTRUCTION PROCESS, THEN TVA SHOULD ASSURE THAT THE INDIVIDUAL IS AT LEAST COMPETENT TO PERFORM THE INSPECTION BASED ON RELATED PREVIOUS EXPERIENCE.
IN -85-476-00301 T50037	HE	50443	N	HBN	1 N N N Y 2 NA NA NA SR		EX-85-052-005	QTC	MANY WELDS WERE UNINSPECTED UNTIL 5 YEARS AGO.
IN -85-593-00101 T50055	HE	50443	N	HBN	1 N N N Y 2 NA NA NA SR			QTC	IN PIPE TUNNEL, AUX BUILDING BETWEEN 676' & 713' ELEV MANAGEMENT DIRECTED A WELD BE REPAIRED IN VIOLATION OF PROCEDURE THEN DENIED DIRECTING CRAFT TO DO THIS VIOLATION. THE SUBJECT WELD MAY HAVE BEEN CORRECTED BUT THIS MANAGEMENT PERSON ORDERED MANY VIOLATIONS TO PROCEDURES AND EMPLOYEES ARE TOO AFRAID TO REFUSE. (NAMES/DETAILS KNOWN TO QTC)
IN -85-670-00501 T50234	HE	50443	N	HBN	1 N N N Y 2 NA NA HA SR			QTC	INSPECTORS ARE NOT CONSISTENT IN THEIR INSPECTION CRITERIA APPLICATION. (EARLY 1985) FIRST WEEK - CRAFT ALLOWED ON A 1/2" WELD TO GO OVER 100% (THIS WAS DISTRIBUTED AT A QA MGMT. MEETING/CLASS.) NEXT WEEK - CRAFT ALLOWED ON A 1/2" WELD TO GO OVER 12.5% (THIS HAS ON AN INSPECTOR'S CRITERIA) NEXT WEEK - CRAFT ALLOWED ON A 1/2" WELD TO GO OVER 6.25% (THIS HAS A DIFFERENT INSPECTOR'S CRITERIA) CRAFT CONFUSED AS TO REQUIREMENTS. CI DECLINED TO PROVIDE FURTHER INFORMATION. CONSTRUCTION DEPARTMENT

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
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CATEGORY: HE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S R D	P L T L O C	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	BL	SO				HB
IN -85-706-00301 T50064	HE	50443	N	WBN	1	N	N	N	Y	IN-85-706-003	QTC	REWORK OF AWE WELDS (HANGERS) ARE OFTEN NOT INSPECTED FOR MONTHS AFTER THE WELD HAS BEEN REMOKED. CI HAS NO MORE DETAIL.
IN -85-866-00101 T50245	HE	50443	N	WBN	1	N	N	N	Y		QTC	CI INCORRECTLY RECEIVED AN IRN FOR INSUFFICIENT WELD ON AN INSTRUMENTATION HANGER. DETAILS ARE KNOWN TO QTC. ANY FURTHER INFORMATION WOULD COMPROMISE CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CI DECLINED TO PROVIDE FURTHER INFORMATION. CONSTRUCTION DEPARTMENT CONCERN.
IN -85-894-00301 T50160	HE	50443	N	WBN	1	N	N	N	Y		QTC	WELDS MAY HAVE BEEN MADE IN IMPROPER MANNER. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NUCLEAR POWER DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.
IN -86-046-00301 T50189	HE	50443	N	WBN	1	N	N	N	Y		QTC	UNAPPROVED TECHNIQUE USED IN WELDING. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. UNIT #1, SYSTEM-UNKNOWN (STAINLESS STEEL), CONSTRUCTION, CRAFT-WITHHELD, TIME FRAME-UNKNOWN. CI WOULD NOT PROVIDE ANY ADDITIONAL INFORMATION.
IN -86-086-00101 T50177	HE	50443	N	WBN	1	N	N	N	Y		QTC	TVA (NUC. POWER) DOESN'T REPAIR WELDS IN ACCORDANCE WITH 10CFR50 APPENDIX B AND ASME. WELDS WHICH ARE REPAIRED PRIOR TO DOCUMENTATION BEING IN THE VAULT ARE NOT DOCUMENTED AS SUCH UNDER THE PROGRAM ESTABLISHED BY MAT-6. NUC. POWER CONCERN. UNIT 1 & 2. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOWUP REQUIRED.
IN -86-167-00201 T50130	HE	50443	N	WBN	1	N	N	N	Y		QTC	CI IS CONCERNED THAT WELDERS ARE NOT REQUIRED TO STAMP ID ON WELDS. THEREFORE, TRACABILITY OF WHO PERFORMED THE WELD IS JEOPARDIZED. CI HAS NO FURTHER INFORMATION. CONST. DEPT. CONCERN. NO FOLLOWUP REQUIRED.
IN -86-168-00301 T50180	HE	50443	N	WBN	1	N	N	N	Y		QTC	SOME WELDS ARE NOT STENCILED. CONSTRUCTION CONCERN. UNIT 2. C/I HAS NO ADDITIONAL INFORMATION.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	BL	SO				HB
WI -85-030-00301 T50101	WE	50443	N	WBN	1	N	N	N	Y		QTC	STOP WORK ORDER HAS NOT ISSUED IN RESPONSE TO NDE INSPECTIN/PROCEDURE DEFICIENCIES IDENTIFIED IN LATE 1981/EARLY 1982; NDE (VISUAL) INSPECTIONS WERE NOT BEING PERFORMED BY DESIGNATED PERSONNEL; NDE PROCEDURES NOT DOCUMENTED AS BEING DEMONSTRATED (QUALIFIED) TO THE AUTHORIZED NUCLEAR INSPECTOR (ANI) PER SPECIFICATION G-29 AND ASME, SECTION III. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.
WI -85-030-00501 T50100	WE	50443	N	WBN	1	N	N	N	Y		QTC	ASME WELDING PROGRAM HAS SAME PROBLEMS AS AWS WELDING; ASME PROBLEMS HAVE NOT BEEN REPORTED OR CORRECTED. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.
WI -85-035-00101 T50095	WE	50443	N	WBN	1	N	N	N	Y		QTC	CRAFT PERSONNEL (NAMES KNOWN) HELD RESPONSIBLE FOR MATERIAL HEAT NUMBER LOG-OFFS ON WELDING OPERATIONS SHEETS, NOT THE O. C. INSPECTORS. LOCATION: AUX. BUILDING 33X, REACTOR; ELE. 713'00" DURING '81. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.
WI -85-053-00301 T50135	WE	50443	N	WBN	1	N	N	N	Y	I-85-448-WBN	QTC	TEMPORARY MINOR ATTACHMENTS ARE NOT DOCUMENTED BY RESPONSIBLE DEPARTMENT (KNOWN). THE APPLICABLE WELDING CODE REQUIRES CONTROLS, DOCUMENTATION AND APPROVAL BY RESPONSIBLE DEPARTMENTS (KNOWN). CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION.
WI -85-081-00501 T50237	WE	50443	N	WBN	1	N	N	N	Y		QTC	IN THE PERIOD OF 1974 TO 1976, WELDS WERE MADE (SO ME WITH OPEN BUTT 7018 ROD) THAT DID NOT CONFORM TO THE PROCEDURE. LATER ON, THE WELDS WERE UPDATED ON PAPER, BUT WERE NOT REMARKED TO THE LATER PROCEDURE. CI DECLINED TO PROVIDE ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW UP REQUIRED.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RIH1

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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
					2	SAF	RELATED				
					BF	BL	SQ	HB			
XX -85-102-00601 150172	QA	80201	S	BFN	1	N	N	Y	N	QTC BROOK'S FERRY, THE VISUAL EXAMINATION PROCEDURE WHICH COVERS ASME SECTION II IS VERY NON SPECIFIC. NUCLEAR POWER DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.	
					2	NA	NA	SR	NA		
	03	WE	50135	S	BFN	1	Y	H	H		
					2	SR	NA	NA	NA		
	04	WE	50243	S	BFN	1	H	Y	H		
					2	NA	SR	NA	NA		
	05	WE	50443	S	BFN	1	N	N	N	Y	
					2	NA	NA	NA	SR		
	06	QA	80252	S	BFN	1	N	N	Y	H	
					2	NA	NA	SR	NA		

25 CONCERNS FOR CATEGORY WE SUBCATEGORY 50443

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
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 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 50444 WELD JOINTS SLUGGED OR IMPROPERLY BEVELED

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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
					2	SAF	BL	SO			
NI -85-049-00101	IN	60100	S	WBN	1	N	N	N	Y	QTC	A FITTER (NAME KNOWN) WHO FITTED A RUPTURE RESTRAINT DID NOT DO A GOOD JOB AND HAD TO "SLUG" A LARGE GAP WITH TWO PIECES OF 3/8" COLD ROLLED STEEL ROD. TWO APPRENTICE WELDERS (NAMES KNOWN) REFUSED TO MAKE THE WELD UNTIL TOLD TO DO SO BY THE GENERAL FOREMAN AND FOREMAN (NAMES KNOWN). THIS HAPPENED IN 1978 OR 1979. THE RESTRAINTS ARE ON LARGE BORE MAIN STEAM LINES AND HAVE BEEN INSULATED. NO FURTHER DETAILS AVAILABLE.
					2	NA	NA	NA	HD		
02	WE	50444	S	WBN	1	N	N	N	Y		
					2	NA	NA	NA	SR		
IN -85-851-00101 T50085	WE	50444	N	WBN	1	N	N	N	Y	QTC	HELPING NONCONFORMANCE; UNIT 1; DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY REQUIREMENTS.
					2	NA	NA	NA	SR		
IN -86-158-00801 T50179	WE	50444	N	WBN	1	N	N	N	Y	QTC	BUTT WELDS WERE SUBSTITUTED FOR FULL PENETRATION WELDS, AND SOMETIMES WELDS WERE "SLUGGED". THIS OCCURRED IN THE TURBINE BUILDING IN 1976. NO SPECIFIC LOCATIONS KNOWN. CONST. DEPT. CONCERN. C/I HAS NO FURTHER INFORMATION.
					2	NA	NA	NA	SR		
WI -85-035-00401 T50095	WE	50444	N	WBN	1	N	N	N	Y	QTC	CI QUESTIONS THE WELDING ON A BOX ANCHOR AT ELEV. 737'0" AUX. BLDG. ON ERCH LINE. CI CLAIMS SEAM WELDED ON ONE SIDE OF BOX ANCHOR WAS SLUGGED BY PLACING PIECES OF 1/2" OR 5/8" REBAR IN SEAM AND THEN COVERING WITH WELD FILLER MATERIAL. THE BOX ANCHOR WAS INSTALLED IN 1979-1980 TIME PERIOD. CI HAS NO FURTHER INFORMATION. CI SAID HE COULD POINT OUT HANGER IN QUESTION. NO FOLLOW UP REQUIRED.
					2	NA	NA	NA	SR		
WI -85-064-00501 T50170	WE	50444	N	WBN	1	N	N	N	Y	QTC	FIRE PROTECTION SYSTEM PIPING HAS BEEN IMPROPERLY WELDED. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION.
					2	NA	NA	NA	SR		

5 CONCERNS FOR CATEGORY WE SUBCATEGORY 50444

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RIH

TENNESSEE VALLEY AUTHORITY
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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL 2 SAF RELATED DF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTIO
IN -85-202-00101 T50002	WE	50445	N	WBN	1 N N N Y 2 NA NA NA SR	IN-85-202-001	QTC	SHEETMETAL WELDER OBSERVED A CRACK IN A WELD BEING MADE BY A STEAMFITTER A FEW PASSES BEFORE THE WELD WAS COMPLETED. THE WELD WAS A VERTICAL WELD ON 01 OR 02 STEAM GENERATOR RESTRAINT IN UNIT 01
IN -85-641-00201 T50131	WE	50445	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	UNIT 1&2 REACTOR VESSELS INSIDE CAVITY WALL (CONTAINMENT LINERS) AND THE T-BAR SHIMS EXHIBIT CRACKS. SUPERVISION/MANAGEMENT PERSONNEL (NAMES KNOWN) WERE INFORMED BUT MADE NO EFFORT TO INVESTIGATE/RESOLVE INDIVIDUAL'S CONCERN. THE LOCATION OF CRACKS IS AT ELEV 725'-0" AND TIME FRAME FOR OBSERVATION IS UNIT 1 IN '82 AND UNIT 2 IN '83. CONSTRUCTION DEPT CONCERN. CI HAS NO ADDITIONAL INFORMATION.
	02	WE	S	WBN	1 N N N Y 2 NA NA NA SR			
IN -85-641-00501 T50131	WE	50445	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	STEAM GENERATOR UPPER RING BEAM SUPPORTS (UNITS 1&2, ALL STM GENS) WERE NOT WELDED IN ACCORDANCE WITH TVA WELDING PROCEDURES. REQUIRED PRE-HEAT WAS NOT APPLIED. WELDERS WERE TOLD BY FOREMAN (NAMES KNOWN) TO WELD OVER POSSIBLE DEFECTIVE WELDS TO MAKE THEM "LOOK" ACCEPTABLE. LOCATION OF RING BEAM SUPPORTS ELEV 758'-0" BUILT IN APRIL '85 OKAYED BY INSPECTORS. ANY FURTHER INFORMATION WOULD COMPROMISE CONFIDENTIALITY.
IN -86-184-00301 T50204	WE	50445	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	P.D.O. (PROTECTION DEVICES) STEAM GENERATOR SUPPORTS SHOULD BE X-RAYED. THERE IS A PROBABILITY OF TRAPPED SLAG. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.
WI -85-064-00201 T50162	WE	50445	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	TRUSSES UNDER THE STEAM GENERATORS MAY HAVE BEEN IMPROPERLY WELDED. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPARTMENT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.
WI -85-081-00301 T50237	WE	50445	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	THE SUPPORTS SURROUNDING THE STEAM GENERATORS WERE SUPPOSED TO HAVE BEEN PREHEATED BEFORE WELDING, BUT THEY WERE NOT. CI DECLINED TO PROVIDE ANY ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOWUP REQUIRED.

6 CONCERNS FOR CATEGORY WE SUBCATEGORY 50445

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 DNP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S R PLT D LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
				2	SAF	BL	SQ			
EX -85-020-00101 T50256	MP	70605	S WBN	1	N	N	N	N	QTC	THE CI COMPLETED 4 OF 8 HELDS TYING IN THE CHECK V ALVE ON 6" FIRE PROTECTION PIPE. REMAINING 4 WELD S HAD ONLY ROOT WELD COMPLETED. THIS CONCERN INVOLVES WORK SLOW DOWN BY ORIGINAL CREW, HARASSMENT OF F CI BY ORIGINAL CREW, AND A RUSH JOB BY THE FOREMAN TO ACCOMPLISH THE ASSIGNED WORK IN A SHORT PERIOD OF TIME. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. NO FOLLOW-UP REQUIRED.
02	WE	50446	S WBN	2	NA	NA	NA	NA	HA	
EX -85-037-00301 T50144	WE	50446	N WBN	1	N	N	N	Y	QTC	HELDS IN THE UNIT 01 (REACTOR BLDG.) FIRE PROTECTION SYSTEM (STAINLESS STEEL) LOOK BAD. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.
EX -85-076-00101 T50184	WE	50446	N WBN	1	N	N	N	Y	QTC	CONDUIT SUPPORTS HAVE BEEN INSPECTED IN THE PAST AND ACCEPTED. THE ACCEPTED SUPPORTS HAVE UNDERCUT AND COULD NOT PASS THE CRITERION USED FOR TODAY'S INSPECTION. EXAMPLES CAN BE FOUND IN THE AUXILIARY BUILDING, ELEVATION 737'. LOOK ANYPLACE NEAR THE CEILING AT ANY SUPPORT INSPECTED BEFORE MID 1984. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.
IN -85-079-00301 T50066	WE	50446	N WBN	1	N	N	N	Y	QTC	PRE-HEAT HAS NOT ADEQUATE FOR WELDING DONE ON 500K V BUSS BARS IN SWITCHYARD NEAR HIBNP TURBINE BLDG. BUSS BARS WERE WELDED IN COLD WEATHER BETWEEN 1975 AND 1978. CI COULD NOT PROVIDE ANY MORE SPECIFIC DETAILS.
IN -85-134-00101 T50050	WE	50446	N WBN	1	N	N	N	Y	IN-85-134-001 QTC	THE ICE DECK SEAL STUD HELDS DID NOT MEET VISUAL INSPECTION ACCEPTANCE CRITERIA. WHEN NOTIFIED OF THIS FACT, THE SHIFT QC SUPERVISOR WAIVED THE VISUAL WELD INSPECTION REQUIREMENT AND ALLOWED WORK TO PROCEED. CI HAS PASSED AWAY, NO FURTHER DETAILS AVAILABLE.
IN -85-155-00101 T50025	WE	50446	N WBN	1	N	N	N	Y	QTC	HELDS WITH "POOR APPEARANCE" WERE NOTICED IN THE OVERHEAD AREAS OF THE 737' EL (DESCRIBED AREA COULD POSSIBLY BE NEAR COMPONENT COOLING HEAT EXCHANGER - COLS A4 TO A11, AND COLS "T" TO "U" -AND NEAR S PENT FUEL PIT HT. EXCH. BETWEEN COLS A4 TO A11, AND "V" AND "H", AS ON DRAWING 47M200-4.) CONDITIONS WERE NOTED ON HELDS IN 10" TO 12" PIPING SYSTEMS, AND WERE VISIBLE ONLY FROM ABOVE THE AFFECTED PIPES

REFERENCE - ECPS12DJ-ECPS121C
 FREQUENCY - REQUEST
 DNP - ISSS - RIH

TENNESSEE VALLEY AUTHORITY
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CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT 2 SAF RELATED BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
IN -85-185-00101 T50241	WE	50446	N	HBN	1 N N H Y 2 HA HA HA SR		QTC	A COUPLE OF YEARS AGO GENERAL FOREMEN (IRONWORKER, SHEETMETAL) WERE WORKING OUT OF THEIR EXPERTISE AND SUPPOSEDLY ORDERED WELDERS, WHO WERE WELDING ON STAINLESS STEEL, TO IGNORE INTERPASS TEMPERATURE REQUIREMENTS. CI HAS NO ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN.
IN -85-271-00102 T50047	WE	50311	S	HBN	1 N N Y N 2 NA NA SR HA	IN-85-271-001	QTC	WELD BEING GROUND DOWN THROUGHOUT UNIT 11 TO SATISFY THE INSPECTORS. THE PRIMARY CONCERN AT THE PRESENT TIME IS FOR THE WELDS TO "LOOK PRETTY". NO SPECIFIC LOCATION GIVEN. (SQN ISSUES ADDRESSED IN RPT HP-11-SQN R1)
	03	WE	50446	S	HBN	1 N N H Y 2 HA HA HA SR		
IN -85-282-00202 T50014	WE	50111	S	HBN	1 Y N H H 2 SR HA NA NA	IN-85-282-002	QTC	UNTIL RECENTLY, TVA WELD INSPECTORS REQUIRED ALL PIPE WELDS TO BE SURFACE GROUND TO A SMOOTH FINISH. THE CONCERN IS THAT SMOOTH GRINDING MAY ACTUALLY MASK A SURFACE DEFECT WHICH WOULD OTHERWISE BE DETECTABLE. NO FURTHER DETAILS WERE AVAILABLE. (SQN ISSUES ADDRESSED IN RPT HP-11-SQN R1)
	03	WE	50234	S	HBN	1 N Y H H 2 HA SR NA NA		
	04	WE	50311	S	HBN	1 H N Y H 2 HA HA SR HA		
	05	WE	50446	S	HBN	1 N H H Y 2 NA HA HA SR		
IN -85-299-00301 T50188	WE	50319	S	HBN	1 N N Y N 2 NA HA SR HA		QTC	SS WELDS SEEM TO HAVE EXCESS METAL REMOVED AT BUTT WELD JOINTS, ALSO THE WELDS EXHIBIT EXCESSIVE SHRINKAGE AT JOINTS. THIS CONCERN IS GENERIC BUT HAVE EXAMPLES. THIS HAS BEEN NOTICED FOR THE PAST 6 YEARS IN BOTH UNITS. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT CONCERN. (SQN ISSUES ADDRESSED IN RPT HP-19-SQN R1)
	02	WE	50234	S	HBN	1 N Y N H 2 NA SR HA HA		
	03	WE	50111	S	HBN	1 Y N H H 2 SR HA HA HA		
	04	WE	50446	S	HBN	1 N N H Y 2 NA HA HA SR		
	05	WE	50446	S	HBN	1 N H H Y 2 NA HA HA SR		
	06	WE	50432	S	HBN	1 N N N Y 2 NA HA HA SR		

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 DNP - ISSS - RWH

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CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	
					2	SAF	RELATED	BF				BL
IN -85-349-00501 T50209	WE	50446	N	WBN	1	N	N	N	Y		QTC	THERE IS A 12" DIA. PIPE (SYSTEM KNOWN) (COMING OF F A 36" DIA. PIPE) IN THE TURBINE BLDG WITH NO CAPS ON WELDS. CI COULD NOT PROVIDE ANY ADDITIONAL INFORMATION. CONSTRUCTION DEPT. CONCERN.
IN -85-384-00301 T50102	WE	50446	N	WBN	1	N	N	N	Y	IN-85-384-003	QTC	REWORKED HARDWARE HAS NO HIGHER QUALITY THAN ORIGINAL WORK (IN SOME CASES QUALITY ACTUALLY LOWER ALTHOUGH STILL ACCEPTABLE). MOST REWORK DONE BECAUSE OF INADEQUATE PAPERWORK, (EG., REDOING GOOD WELDS SO INSPECTOR CAN SEE FIT-UP, OR PULL TESTING NON-CRITICAL INSERTS THAT "COULD NOT POSSIBLY PULL OUT".) CI HAS NO MORE INFORMATION. NO FOLLOW UP REQUIRED.
IN -85-441-00201 T50040	WE	50446	N	WBN	1	N	N	N	Y	IN-85-441-002	QTC	QC INSPECTORS INSIST THAT EACH WELD BE FINISHED WITH A POWER TOOL WHETHER IT NEEDS IT OR NOT.
IN -85-469-00301 T50035	WE	50446	N	WBN	1	N	N	N	Y		QTC	PIPE SPEC FOR PIPING ON POST ACCIDENT SAMPLING DECK (UNIT 1B2) CALLS FOR AN OPEN BUTT WELD. WELDS ARE NOW BEING WELDED USING A BACKING STRAP. INDIVIDUAL IS NOT AWARE OF ANY SPEC CHANGES AND IS CONCERNED ABOUT ENTRAPMENT OF CONTAMINANTS.
IN -85-561-X0501 T50271	WE	50446	N	WBN	1	N	N	N	Y		QTC	CI HAS SEEN QUESTIONABLE WELDS AT WBNP. CONSTRUCTION DEPARTMENT CONCERN. NO FURTHER INFORMATION IN FILE.
IN -85-579-00101 T50052	WE	50446	N	WBN	1	N	N	N	Y	IN-85-579-001	QTC	WELD IS INCOMPLETE- F.P. 692', WELD AT 695'. VERTICAL 6" PIPE BY ELEVATOR ABOUT 3' OFF FLOOR.
IN -85-579-00501 T50219	WE	50446	N	WBN	1	N	N	N	Y		QTC	GRINDING OF PIPES (FOR RADIOGRAPHY PURPOSES) THAT GO THROUGH CONTAINMENT SHIELD WALL MIGHT NOT HAVE BEEN DONE PROPERLY. BECAUSE MINIMUM WALL INTERIOR DIAMETER AND OUTSIDE DIAMETER MIGHT HAVE BEEN VIOLATED. CI HAD NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN.
IN -85-600-00401 T50065	WE	50446	N	WBN	1	N	N	N	Y		QTC	DURING 1977-1978, C&I AND PAINTERS WERE SANDBLASTING CONTAINMENT LINER IN UNIT 1 WITH WELDING BEING PERFORMED IN AREA. STEAMFITTERS WERE WELDING SYSTEM 74, RHR. POSSIBILITY THAT DIRT & DUST CONTAMINATED THESE WELDS. C/I HAS NO FURTHER INFORMATION. NO FOLLOW-UP REQUIRED.

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RIM

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CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL					HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
					2	SAF	BL	SQ	HB			
IN -85-632-00101 T50061	WE	50446	N	HBN	1	N	N	N	Y	IN-85-632-001	QTC	APPROX. 7 YEARS AGO, WELD ENGINEERING DECIDED TO REMOVE ASTRO WELDING MACHINES (AUTOMATIC WELDERS) FROM THE FIELD WHEN 4 (FOUR) RANDOMLY SELECTED FIELD WELDS FAILED RT. WELDS ARE IN TUBB BLDG UNIT 1 SIDE, EL 729' BETWEEN T1 & T3G. THESE 4 WELDS HAVE NOT BEEN REPAIRED OR REMORKED. IN ADDITION, WELD ENGINEERING STATED THAT ALL ASTRO WELDERS WERE TO BE REMOVED FROM FIELD AND THAT ALL ASTRO WELDS WOULD HAVE TO BE REPAIRED OR REMORKED. NONE OF THE ASTRO WELDS HAVE BEEN REPAIRED OR REMORKED AND THE
IN -85-846-00101 T50085	WE	50446	N	HBN	1	N	N	N	Y		QTC	VENDOR WELDS ON PIPING DO NOT MEET HBWP WELD ACCEPTANCE CRITERIA. EXAMPLE CITED IN 6" TO 8" DEGREE CARBON STEEL PIPE INSTALLED ON THE FLOOR LEVEL OF THE DIESEL GENERATOR BUILDING. BY HEARSAY, CI EXPRESSED THAT SIMILAR SITUATIONS EXIST IN REACTOR BUILDINGS, UNITS 1 & 2. NO LOCATIONS OR OTHER DETAILS PROVIDED
IN -85-940-X0201 T50258	WE	50446	N	HBN	1	N	N	N	Y		QTC	DUE TO A PHYSICAL IMPAIRMENT, WELDS MADE BY A SPECIFIC INDIVIDUAL MAY BE INADEQUATE. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN. CI HAS NO FURTHER INFORMATION.
IN -86-093-00101 T50118	WE	50446	N	HBN	1	N	N	N	Y		QTC	FIRE PROTECTION WELD-C-LETS HAVE INSUFFICIENT WELD ON THE HEADER PIPE TO THE WELD-O-LET. THIS PROBLEM IS IN THE CONTROL BLDG. STAIRWAY GOING TO THE S.E. OFFICE BY THE SPREADER ROOM. CI HAS NO FURTHER INFORMATION. NUCLEAR POWER CONCERN.
IN -86-131-00401 T50176	WE	50446	N	HBN	1	N	N	N	Y	IN-86-131-004	QTC	THE CAP WELDS ARE QUESTIONABLE ON THE TEMPORARY PIPING FOR TEST PURPOSES. UNIT #2, TURBINE BLDG., 729' ELEVATION. THE PIPING IS LOCATED OVER THE NORTH TURBINE BLDG., STAIRWELL 15' ABOVE THE FLOOR. CONST. DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.
IN -86-301-00101 T50220	WE	50446	N	HBN	1	N	N	N	Y		QTC	THE PDO'S (PROTECTIVE DEVICES) IN THE REACTOR BUILDING, UNIT NO. 1 HAVE POOR QUALITY WELDS. THIS IS A GENERIC CONDITION THROUGHOUT THE REACTOR BUILDING. CI SHOULD PROVIDE NO ADDITIONAL INFORMATION. CONST. DEPT. CONCERN.
OW -85-004-N0201	WE	50446	N	HBN	1	N	N	N	Y		NRC	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF QTC FILE. "NO RE-INSPECTION OF HANGERS INITIATED AFTER CLARIFICATION OF INSPECTION CRITERIA."

REFERENCE - ECPS120J-ECPS121C
 FREQUENCY - REQUEST
 ONP - ISSS - RHM

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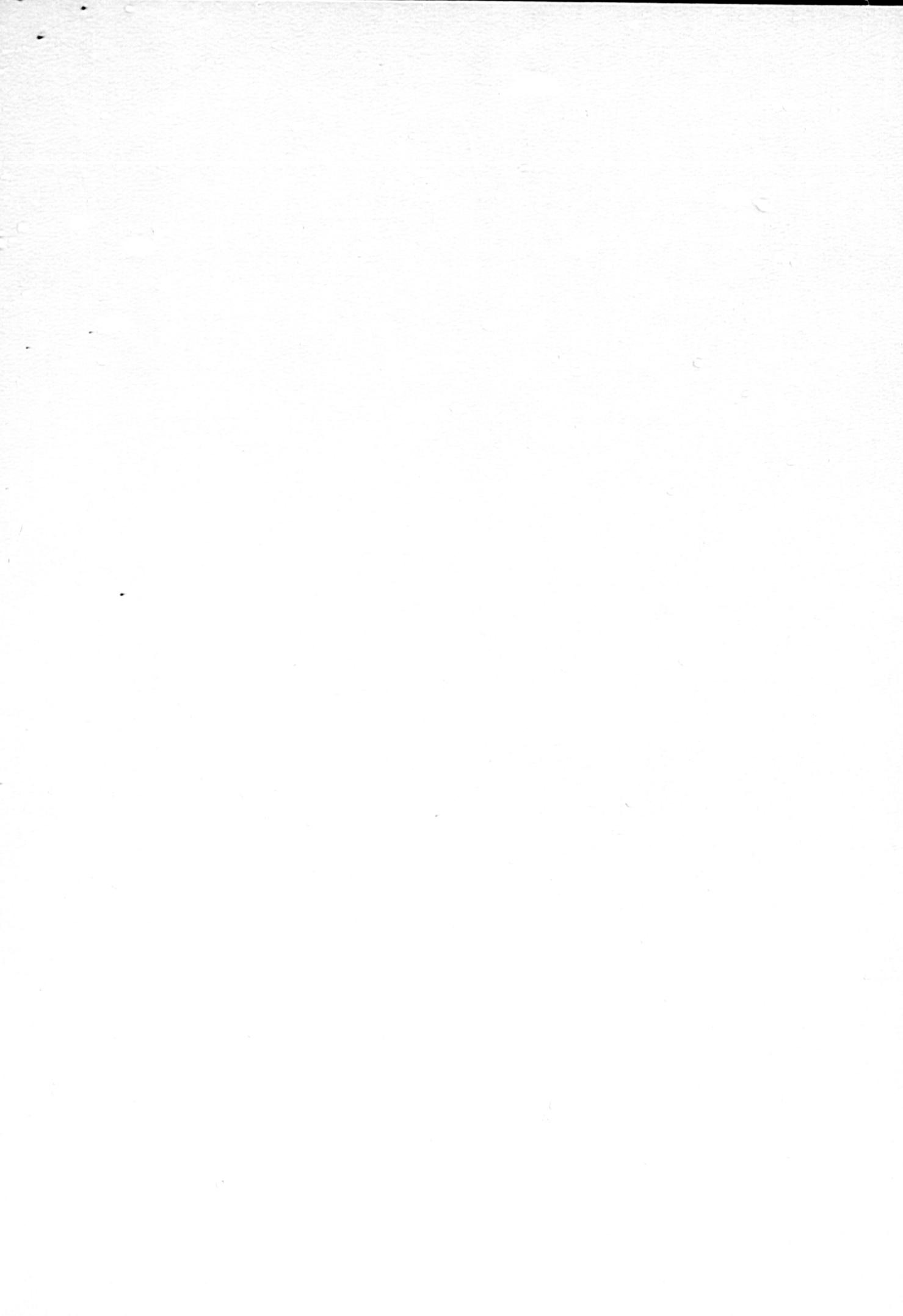
CATEGORY: WE NON QA/QC WELDING

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL						HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION
					2	SAF	RELATED	BF	BL	SQ			
PH -85-001-00501 T50139	WE	50446	N	HBN	1	N	N	N	Y	PH-85-001-005	QTC	COUPLING ON INSTRUMENTATION SENSE LINES, SYSTEM 68, UNIT 1, MAY HAVE BEEN IMPROPERLY FIT UP, SO THAT WELDING OPERATIONS CAUSED THE LINES TO KINK. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CI HAS NO FURTHER INFORMATION. CONST. DEPT CONCERN.	
					2	NA	NA	NA	SR				
PH -85-003-01101 T50106	WE	50446	N	HBN	1	N	N	N	Y		QTC	THERE IS SOME BAD WELDING ON EL 713' AUX BLDG. CI HAS NO MORE INFORMATION AVAILABLE NO FOLLOW UP REQUIRED	
					2	NA	NA	NA	SR				
WI -85-046-01401 T50139	WE	50406	S	HBN	1	N	N	N	Y	EX-85-052-005	QTC	QA INSPECTORS AT HBNP QA DEPT. HAVE BEEN OVER INSPECTING HELDS DUE TO THEIR LACK OF CONFIDENCE AND EXPERIENCE. SOME QA WELD INSPECTORS (NAMES GIVEN) ARE REQUIRING WELDERS TO GRIND AND POLISH WELDS BEYOND SPECIFICATION REQUIREMENTS. NUCLEAR POWER DEPT. CONCERN. CI COULD NOT PROVIDE ANY ADDITIONAL SPECIFICS/DETAILS, AND HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.	
	02	WE	S	HBN	1	N	N	N	Y				
					2	NA	NA	NA	NO				
WI -85-050-00101 T50126	WE	50446	N	HBN	1	N	N	N	Y		QTC	BAD WELDS, INSIDE ANNULUS UNIT 1 ERCH SYSTEM 8" STAINLESS STEEL. THIS OCCURRED IN LATE '83 EARLY '84. LOCATED RT. OF ENTRY DOOR 4 8" LINES. DETERIORATION OF METAL, LACK OF PENETRATION, & SUGAR WELD S-BAD WELD COULD BE IDENTIFIED BY X-RAY. CONSTRUCTION CONCERN. CI HAS NO ADDITIONAL INFORMATION.	
					2	NA	NA	NA	SR				
WI -85-064-00301 T50162	WE	50446	N	HBN	1	N	N	N	Y		QTC	WELDS HAVE BEEN IMPROPERLY FINISHED THROUGHOUT THE PLANT. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	
					2	NA	NA	NA	SR				
WI -85-081-00401 T50237	WE	50446	N	HBN	1	N	N	N	Y		QTC	THE STAINLESS SHIELD SURROUNDING THE REACTOR HAD SOME BAD WELDS (POROSITY). CI DECLINED TO PROVIDE ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW UP REQUIRED.	
					2	NA	NA	NA	SR				

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ATTACHMENT B

CONCERN	DESCRIPTION OF ISSUES	COMMENTS
EX-85-039-001 IN-85-001-002 IN-85-234-001 IN-85-337-002 IN-85-352-002 IN-85-424-001 IN-85-426-001 IN-85-441-003 WI-85-002-001	Coated electrode moisture absorption.	In early 1982, the WBN procedure for control of welding filler material was revised to reflect the changes in the AWS D1.1 Code. The former practices for controlling moisture absorption were replaced with new AWS rules which permitted TVA to perform certain moisture absorption tests which extended atmospheric exposure times. These changes met all the requirements of AWS D1.1.
IN-85-768-X06 IN-85-768-X07	Filler material records incorrect.	This related to an incident which had been previously resolved using the existing TVA programmatic controls. If the issue had remained undetected, no hardware deficiency would have resulted.
IN-85-947-005 IN-86-150-001 IN-86-167-001 WI-85-041-001 WI-85-041-009 WI-85-041-012 WI-85-053-004	Filler material traceability.	The issue that TVA does not maintain traceability of filler material in welds to heat or lot numbers is factual. TVA invokes an alternate ASME rule which permits the use of a control procedure to ensure that only specified materials are used.
IN-85-672-003 IN-86-039-001 IN-86-047-001	Administrative practices.	This issue is a result of three concerns that the welders receive no evidence to confirm that unused filler material or stub lengths are turned in. This issue has no welding related technical significance and is addressed in Subcategory 70200, Work Rules.
EX-85-021-001 EX-85-039-001 EX-85-061-003 IN-85-052-008	Filler material control and accountability	This issue involves welders obtaining filler material from other welders, lack of rod stub accountability, welders' (Continued on next page)



ATTACHMENT B

CONCERN	ISSUE	COMMENTS
IN-85-310-005 IN-85-337-002 IN-85-424-004 IN-85-424-005 IN-85-424-006 IN-85-424-007 IN-85-453-009 IN-85-454-004 IN-85-501-001 IN-85-725-011 IN-86-249-X02 IN-86-305-004		certifications not checked prior to filler material issue, and steam-fitters or helpers checking out filler material. This evaluation revealed that TVA rules for control and accountability of filler material meet the requirements of ASME III and AWS D1.1. No evidence was found to indicate that any isolated occurrences of procedure violations caused hardware deficiencies, or that unauthorized welders were issued filler material.

THE ABOVE LISTED ISSUES ARE ADDRESSED IN WELD PROJECT EVALUATION
REPORT WP-01-WBN

HI-85-077-N04 IN-85-458-001 IN-85-767-003 IN-86-019-001 NS-85-001-001 PH-85-040-001 WI-85-013-003 WI-85-030-007 WI-85-041-008	AWS weld inspections made through carbo-zinc primer.	This issue evolved from a change to the process specification to allow certain reinspections for weld configuration without removing the coating. The change did not allow initial acceptance inspection of coated welds. It also limited the reinspection of primed welds to attributes which would not be masked by a properly applied prime coating.
WI-85-030-009	A manager stated he would fire inspectors who inspected welds through paint.	The manager's statement that he would fire inspectors identified as having inspected welds through paint is being addressed by the Office of the Inspector General under Subcategory 60200. The issue has no welding related technical significance.
WI-85-030-008 WI-85-041-004	Thousands of welds may have been inspected through primer.	A review of the entire carbo-zinc issue shows that, with three exceptions, the welds in question were part of a sample reinspection program. The three items which were initially accepted after priming were cleaned and reinspected.