

ATTACHMENT A
SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 1
RUN TIME - 12:23:58
RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
FREQUENCY - REQUEST
OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	SUB CAT	S	H	R	D	PLT	B	B	S	W	QTC/NSRS INVESTIGATION REPORT	P	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
BNPQCP10.35-7	CO	109	N				BLN	N	Y	N	N	REPORT	SR	CI CONCERNED THAT INSULATION INSPECTION FOR THE PORTION OF THE TERMCOUPLE LEADS INSIDE ND AND NV PUMP MOTOR HOUSINGS WAS NOT PERFORMED. (RE: NCR'S 1087 AND 1101 AND B & W FCP-110)	4.7.1.5, 4.7.2.5, 7.1.7.5
EX-85-073-001 T50181	CO	109	N				WBN	N	N	N	Y	K-FORM	SR	THE BEND RADIUS ON A CABLE HAD TO BE VIOLATED IN ORDER TO MAKE A SPLICE, YET THE CABLE SPLICE WAS INSPECTED AND ACCEPTED. CABLE SCV 2-3V-31-7229 ON VALVE 2 SCV-31-329 LOCATED IN THE INCORE INST. ROOM 105 ELEV. 716 IN SYSTEM #31. THE WIRES WERE SPLICED OUTSIDE, THEN STUFFED INSIDE THE FITTING. CONST. DEPT. CONCERN. UNIT 2. C/I HAS NO ADDITIONAL INFO.	4.1.1.2, 4.1.2.2, 4.2.1.2, 4.2.2.2
EX-85-076-003 T50185	CO	109	N				WBN	Y	Y	Y	Y	K-FORM	SR	CABLE BREAK LINKS WERE NOT USED FOR PRE-1984 CABLE PULLING. POSSIBLE CABLE DAMAGE MAY HAVE RESULTED IN UNIT 2. GENERIC CONCERN. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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EX-85-086-001 T50197	CO	109	N	WBN Y Y Y Y K-FORM		SR	DURING THE WEEK OF OCTOBER 14, 1985 A CABLE WAS PULLED USING A "COME ALONG" DURING A LONG PULL THAT WENT FROM MANHOLE TO MANHOLE. (NAMES/DETAILS TO THE SPECIFIC CASE ARE KNOWN TO QTC AND WITHHELD TO MAINTAIN CONFIDENTIALITY). CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
EX-85-092-002 T50232	CO	109	N	WBN N N N Y REPORT		SR	WIRING WORK AT WATTS BAR IS VERY POOR. THIS IS A GENERIC CONCERN. CI HAS NO FURTHER DETAILS OR SPECIFIC INFORMATION. CONSTRUCTION DEPT. CONCERN. NO FOLLOW-UP REQUIRED.	4.3.1.2, 4.3.2.2
EX-85-092-003 T50232	CO	109	N	WBN N N N Y REPORT		SR	AT WATTS BAR, STEEL FILINGS ARE FOUND INSIDE CPEK CONDUITS WHICH COULD POTENTIALLY DAMAGE INSTALLED CABLE. THIS IS A GENERIC CONCERN. CI HAS NO FURTHER DETAILS OR SPECIFIC INFORMATION. CONSTRUCTION DEPT. CONCERN. NO FOLLOW-UP REQUIRED.	4.6.1.2, 4.6.2.2, 7.2.6.2

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CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109	
				PLT B	B S	W	Y					
EX-85-148-001 T50207	CO	109	S	WBN	N	N	N	Y	EX-85-010-002	SR	SUB-JOURNEYMEN ARE TERMINATING QA AND NON-QA CABLES IN JUNCTIONS BOXES PER DIRECTION OF FOREMAN (NAME KNOWN). DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN.	4.3.1.2, 4.3.2.2, 7.1.3.2
EX-85-157-002 T50205	CO	109	N	WBN	Y	Y	Y	Y		SR	LL AND LR CONDUILETTE FITTINGS CAUSE TOO GREAT OF A BEND AT THE FITTINGS FOR THE CABLES. THEY ARE USED SITE WIDE. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. - GENERIC CONCERN -	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
EX-85-157-003 T50205	CO	109	N	WBN	N	N	N	Y		SR	UNIT 2, REACTOR BUILDING, MOTOR LEAD FOR 6 OR 7 FAN MOTORS WERE LUGGED BUT NOT TERMINATED AS INDICATED ON THE TERMINATION SLIPS. THE LEADS WERE FRAYED AND DAMAGED. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. (DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY).	4.3.1.2, 4.3.2.2

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HI-85-010-001 T50064	CO IH	109 000	S		WBN N N N Y			HI-85-010-001 NO		C/I CLAIMS THAT ELECTRICAL GENERAL FOREMAN (NAME GIVEN) KNEW ABOUT COMMENTS C/I MADE CONCERNING THE QUALITY OF WORK OF 2ND SHIFT ELECTRICIANS AND, SUBSEQUENTLY, RETALIATED BY TRANSFERRING C/I TO 3RD SHIFT. ADDITIONAL INFORMATION IN FILE.	4.1.1.2, 4.1.2.2
HI-85-113-N02	CO CO	109 113	S		WBN N N N Y				SR	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF THE QTC FILE: - "INCORRECT LUBRICANT FOR CABLE PULLS." - "IMPROPER INSTALLATION OF BOLTS, PLATES, AND ANCHORS IN THE AUXILIARY BUILDING." - "WIRE SPLICED IN TRAYS AND CONDUITS."	4.1.1.2, 4.1.2.2, 4.2.1.2, 4.2.2.2, 7.1.1.2, 7.2.1.2
I-85-101-WBN	CO	109	S		WBN Y Y Y Y				SR	1. IMPROPER ELECTRICAL TERMINATION TECHNIQUE. 2. CRIMP-ON-TYPE LUGS WERE USED FOR TERMINATION OF DISCRETE ELECTRICAL COMPONENTS WITH SOLID WIRE LEADS.	4.3.1.1, 4.3.1.2, 4.3.1.3, 4.3.1.4, 4.3.1.5, 4.3.2.2, 4.3.2.3, 4.3.2.4, 4.3.2.5, 7.2.3.2, 7.2.3.3, 7.2.3.4

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PAGE - 5
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				PLT LOC	B F	B L	S Q				
IN-85-009-001 T50031	CO	109	N	WBN	Y	Y	Y	Y	SR	IN MARCH OR APRIL 1985, 480V RECPT's IN THE ADDITIONAL DIESEL GENERATOR BUILDING FEED CABLES WERE SIZED LARGER THAN THE PLUGS COULD HANDLE. THE ELECT. ENGR. AIDE IN CHARGE OF THIS WORK (NAME GIVEN) DISCUSSED THIS PROBLEM WITH DESIGN ENGINEERING AND WAS TOLD AN ECR WOULD BE ISSUED TO ADDRESS THIS PROBLEM. WHEN ELECT. ENGR. AIDE (NAME GIVEN) TOLD THE ELECT. ENGINEER IN CHARGE OF THE SYSTEM (NAME GIVEN), ENGINEER IN CHARGE OF SYSTEM STATED THAT "I DON'T HAVE TIME TO WORRY ABOUT THIS PROBLEM BECAUSE THE TRANSFER (SCHEDULE) HAD TO BE MET." C/I WITNESSED THE DISCUSSION BETWEEN ENGINEER AND ENG. AIDE AND IS CONCERNED THAT SCHEDULE TOOK PRECEDENCE OVER QUALITY.	4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.2.1.2
IN-85-018-004 T50164	CO	109	N	WBN	Y	Y	Y	Y	SR	SUPERVISION (KNOWN) WOULD NOT FOLLOW CABLE PULLING PROCEDURE. THE WORK PROCEEDED WITHOUT PERMITS AS REQUIRED BY PROCEDURE. SUMMER 1984. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOW-UP REQUIRED.	4.5.1.2, 4.5.1.3, 4.5.1.4, 4.5.1.5, 4.5.2.2, 4.5.2.3, 4.5.2.4, 4.5.2.5, 7.1.5.2, 7.2.5.4

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PAGE - 6
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IN-85-046-001 T50064	CO	109	N	WBN N N N Y	IN-85-046-001	NO		DURING CABLE PULL IN UNIT 1, ELEV. 737', FAN ROOM A-2 & T, CABLES BEING PULLED THROUGH 3" CONDUIT BECAME STUCK. AFTER SEVERAL ATTEMPTS TO PULL IN CABLES WITHOUT ANY SUCCESS, GENERAL FOREMAN (NAME GIVEN) INSTRUCTED ELECTRICAL FOREMAN (NAME GIVEN) TO USE A COME-A-LONG TO PULL OUT CABLES FROM 3" CONDUIT. Q.C. INSPECTOR (NAME GIVEN) WITNESSED AND REPORTED THE USE OF THE COME-A-LONG TO PULL OUT CABLES. ELECT. FOREMAN WAS GIVEN 2 WEEKS OFF FOR VIOLATION WHILE GENERAL FOREMAN, WHO WAS RESPONSIBLE FOR VIOLATION, WAS NOT. CI DOES NOT KNOW CABLE, SYSTEM OR CONDUIT NUMBERS. NO FOLLOW-UP REQUIRED.	4.1.1.2, 4.1.2.2, 7.1.1.2
IN-85-120-001 T50074	CO	109	N	WBN N N Y Y K-FORM			SS	WBNP UNIT 1, THE TRIAXIAL CABLES (WTV TYPE) FOR THE NEUTRON FLUX DETECTORS IS NOT SUPPORTED FROM WHERE THE CABLES EXIT FROM THE REACTOR CAVITY STAINLESS STEEL WALL FROM A RACEWAY, TO THE TERMINATIONS ON THE DETECTORS. C/I COULD NOT PROVIDE ANY ADDITIONAL INFORMATION. NO FURTHER INFORMATION AVAILABLE. NO FOLLOW-UP REQUIRED.	4.1.1.2, 4.1.1.3, 4.1.2.2, 4.1.2.3

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PAGE - 7
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CONCERN NUMBER	SUB CAT	R CAT	D	PLT	B	B	S	W	QTC/NSRS INVESTIGATION REPORT	P	CONCERN DESCRIPTION	REFERENCE SECTION #
				LOC	F	L	Q	B				CATEGORY - CO SUBCATEGORY - 109
IN-85-186-002 T50017	CO	109	N	WBN	N	N	N	Y	IN-85-186-002	SR	INSULATION ON CONDUIT AND CABLE WRAP IS WRONG IN SELECTED AREAS OF BOTH UNITS, PARTICULARLY ON THE 737' ELEVATION, LINES A-8 & S. PROCEDURE CALLS FOR FIVE LAYERS "PINCHED INSTALLATION". THE TOP LAYER (5TH) SHOULD BE REMOVED AND THE FIRST FOUR LAYERS CHECKED FOR PROCEDURE COMPLIANCE.	4.5.1.2, 4.5.2.2
IN-85-186-010 T50017	CO MP	109 702	N	WBN	N	N	N	Y		SR	INDIVIDUAL (NAME KNOWN) WAS ORDERED BY FOREMAN (NAME AVAILABLE) TO INSULATE A PENETRATION (DOESN'T KNOW LOCATION) IN #2 AUX BLDG. WHICH HAD A CUT WIRE PRESENT IN THE PENETRATION, THUS MASKING A DEFECTIVE CONDITION. INDIVIDUAL FELT HE HAD NO RECOURSE EXCEPT TO COMPLY WITH THIS INSTRUCTION DUE TO THE CERTAINTY OF JOB REPRISAL ACTIONS IF HE DID NOT COMPLY.	4.1.1.2, 4.1.2.2
IN-85-201-002 T50156	CO	109	N	WBN	N	N	N	Y	IN-85-201-002	NO	DURING CABLE PULLING CI RECOMMENDS GETTING THE CABLE THROUGH TO THE FIRST OUTLET BEFORE MAKING THE PULL TEST ON THE CABLE. UNITS 1 AND 2. CONSTRUCTION DEPT. CONCERN. CI COULD NOT PROVIDE ANY ADDITIONAL DETAILS/SPECIFICS. NO FOLLOW UP REQUIRED.	4.1.1.2, 4.1.2.2

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PAGE - 8
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IN-85-213-001 T50008	CO	109	N	WBN	Y	Y	Y	Y	Y	Y	Y	K-FORM	SS		CABLE PULLING PROCEDURES WERE CHANGED AROUND 1981. ITEM SUCH AS PULL TENSIONS WERE MODIFIED. NO CORRECTIVE ACTION WAS TAKEN FOR CABLE PULLED PRIOR TO PROCEDURE CHANGE. PERTAINS TO BOTH UNITS.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
IN-85-241-N11	CO	109	N	WBN	N	N	N	Y				K-FORM	SR		NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF QTC FILES: "CABLE PULLED USING CHAIN FALLS AND COME-ALONGS AND NO PROCEDURE" (NOTE: THIS CONCERN RELATED TO IN-85-241-007)	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-85-255-091 T50026	CO	109	N	WBN	Y	Y	Y	Y	Y	Y	Y	REPORT	SS		CONDUIT ARE TOO FULL AND CABLE PULLING WAS VIOLATED IN THAT THE MAXIMUM TENSION FOR PULLING CABLE WAS EXCEEDED. NO PULL TENSION MEASURING DEVICE WAS AVAILABLE FOR USE. THIS EXISTED PRIOR TO 1 YEAR AGO (5/84) AND OCCURRED IN THE TURBINE AND AUX BLDGS., UNITS 1 & 2.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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PAGE 3
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			PLT	B	S	W				
IN-85-295-003 T50096	CO 109	N	WRN	Y	Y	Y	Y	SS	CABLE PULLS WERE PERFORMED IN A "RUSHED" MANNER. CABLES WHICH WERE PULLED UNDER THE OLD "UNCONTROLLED" PROCEDURE WERE POSSIBLY NOT RECHECKED. TIME FRAME OF OLD PROCEDURE PRIOR TO 1982 (APPROX.) NO FURTHER DETAILS AVAILABLE. NO FOLLOW UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.2.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
IN-85-300-002 T50021	CO 109	N	WRN	Y	Y	Y	Y	SR	CABLES IN CABLE TRAYS, PARTICULARLY (IN THE CABLE SPREADING ROOM (BOTH UNITS), ARE IMPROPERLY ROUTED AND HUNG).	4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.2, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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PAGE - 10
 RUN TIME - 12:23:53
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				PLT	B	B	S	W	QTC/NSRS INVESTIGATION	R			
			D	LOC	F	L	Q	B	REPORT	R			
IN-85-314-001 T50186	CO	109	N	WEN	N	N	N	Y	K-FORM		SR	CABLE IS PULLED ONE AT A TIME AND THEREFORE THE TENSION EXCEEDS THE MAX. VALUE DUE TO TANGLING IN UNIT #2. CI COULD PROVIDE NO SPECIFIC LOCATIONS. CONSTRUCTION CONCERN. NO FURTHER INFORMATION AVAILABLE.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1
IN-85-318-001 T50189	CO	109	N	WBN	N	N	N	Y	REPORT		SR	CABLE PULL EXCEEDS MAX. TENSION DUE TO HAVING TO PULL SO MANY FEET IN ONE SHIFT. UNITS 1 & 2. CI COULD NOT PROVIDE ANY SPECIFIC LOCATIONS OF DEFECTIVE WORK. CI HAS NO FURTHER INFORMATION. CONSTRUCTION CONCERN. UNIT 1 & 2.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-85-318-002	CO	109	N	WBN	N	N	N	Y	K-FORM		SR	CABLE PULLED SO TIGHT WHITE NYLON ROPE BROKE AND WAS BLACK FROM RUBBING AGAINST CABLE. MANHOLE OUTSIDE OF SERVICE BUILDING AT BIG DRIVE-IN DOORS. MAX. TENSION EXCEEDED. CABLE WAS BEING PULLED BY TRUCK. TWO YEARS AGO. CONSTRUCTION CONCERN. UNIT 1. CI HAS NO FURTHER INFORMATION.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2

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CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

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IN-85-318-003 T50189	CO	109	N	WBN	N	N	N	Y	SR PULLING 750 KV CABLE UNDER A TIGHT SCHEDULE TO DO SO MANY FEET OF CABLE PER SHIFT. CABLE WAS DEFECTIVE WITH A 7"-8" SPLIT IN INSULATION. CALLED QC. QC INSPECTOR SAID GO AHEAD AND PULL IT AND IT WOULD BE CORRECTED LATER. NO HOLD TAG WAS HUNG AND CI DOES NOT KNOW IF AN NCR WAS LATER WRITTEN. UNIT #2 REACTOR BUILDING 703' ELEVATION. CABLE WENT TO REACTOR COOLING FAN (SEE 4' SQUARE CAN ON OUTSIDE WALL). CI COULD NOT PROVIDE ANY ADDITIONAL INFORMATION. CONSTRUCTION CONCERN. UNIT 1.	4.1.1.2, 4.1.2.2
IN-85-323-002 T50189	CO	109	N	WBN	N	N	N	Y	SR CABLE PULLED THRU ALREADY OVERLOADED CONDUIT MAY BE DAMAGED DUE TO EXCESSIVE FORCE. THIS CONCERN WAS EXPRESSED AS SECOND HAND INFORMATION TO ERT AS A GENERIC CONCERN. INTAKE PUMPING STATION CABLES TO POWER BLOCK WERE PULLED WITH EXCESSIVE FORCE CAUSING DAMAGE TO CABLES. CI DOESN'T KNOW IF CABLES WERE REPAIRED. NUC POWER CONCERN. UNIT 1 & 2. CI HAS NO ADDITIONAL INFORMATION.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 12
 RUN TIME - 12:23:58
 RUN DATE - 10/21/85

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S H D	GENERIC APPL	PLT B B S W	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-325-005 T50052	CO	109	N	WBN Y Y Y Y		REPORT	SR	NUMEROUS NON-SPECIFIC INSTANCES WERE RELATED REGARDING OVERSTRESS OF CABLES DURING PULLING OPERATIONS. (ELECTRICAL CABLES, BOTH UNITS 1 & 2) OVER STRESS WAS OF SUFFICIENT SEVERITY TO CAUSE MULTIPLE INSTANCES OF 1" MANILA ROPE BREAKING. NO SPECIFICS (NAMES, DATES, LOCATIONS) WERE PROVIDED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
IN-85-346-001 T50026	CO	109	N	WBN N N N Y		REPORT	NO	CABLE IS LEFT UNPROTECTED ON FLOOR WHEN PULLED THROUGH CONDUIT AND VALVE, ETC., IS NOT INSTALLED OR READY FOR CONNECTION. LOCATION IS VALVE ROOM CONNECTED TO AUX BLDG. APPROXIMATELY 727' ELV. UNDERNEATH BORON TANK, UNIT #2, MID-WAY 1985.	4.6.1.2, 4.6.2.2, 7.2.6.2
IN-85-373-001 T50012	CO	109	N	WBN N N N Y		K-FORM	SR	DAMAGED CABLE IN RB II ROD DRIVE CONTROL CABINET. CABLE SIZE IS A.W.G 1/0 OR 2/0 LOCATED IN AUX. BLDG. ELE. 272 ABOUT 3' FROM END OF CABLE	4.6.1.2, 4.6.2.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 13
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT LOC	B F	B L	S Q	W B	Y	GENERIC APPL	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-374-001 T50015	CO	109	N	WBN	N	N	N	Y		K-FORM		SR	CABLE UNPROTECTED AFTER PULL AND WHEN WHEN THE RECIPIENT (VALVE, ETC...) IS NOT AVAILABLE TO TERMINATE CABLE. THE CABLE IS USUALLY TIED ORIGINALLY BUT BECOMES UNTIED AND IS ON FLOOR AND NEVER WRAPPED TO PROTECT FROM ENVIRONMENT.	4.6.1.2, 4.6.2.2, 7.2.6.2
IN-85-425-001 T50031	CO	109	N	WBN	N	N	N	Y		K-FORM		SR	JUNCTION BOX 1918 (JB # COULD BE IN ERROR) AT ACCUMULATOR #4, UNIT #2, WBNP HAS APPROX 200 TERMINATIONS. JB IS SO OVER-CROWDED THAT THE DOOR HAS TO BE PRIED SHUT. POSSIBILITY EXISTS FOR MINIMUM BEND RADIUS VIOLATIONS, BENT LUGS, ETC. INDIVIDUAL REPORTED THIS TO SUPERVISOR WHO TURNED IT OVER TO QC. NO RESPONSE OR CORRECTIVE ACTION THAT THE INDIVIDUAL IS AWARE OF.	4.3.1.2, 4.3.2.2, 7.2.3.2
IN-85-425-004 T50102	CO	109	N	WBN	N	N	N	Y		K-FORM		SR	QCI (NUMBER UNKNOWN) REQUIRES "SWABBING" OF CONDUIT PRIOR TO CABLE PULLS. INDIVIDUAL STATED THAT THERE HAVE BEEN "MANY" CABLES PULLS WITHOUT SWABBING THE CONDUITS. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.	4.1.1.2, 4.1.2.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 14
 RUN TIME - 12:23:5
 RUN DATE - 10/21/8

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT LOC	B F	B L	S Q	W B	GENERIC APPL	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-433-N04	CO	109	N	WBN	N	N	N	Y	REPORT		SR	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF QTC FILE. "CONDUCTORS IN CABLE WITH DAMAGED SHEATH MAY NOT HAVE BEEN MEGGER TESTED." DAMAGED CABLE IS THAT REFERRED TO IN IN-85-433-002.	4.3.1.2, 4.3.2.2, 7.2.3.2
IN-85-433-002 T50041	CO	109	N	WBN	Y	Y	Y	Y	K-FORM		SS	THE CABLE ON UNITS 1&2 HAS BEEN PULLED SO HARD (MANUALLY NOT MECHANICALLY) THAT THE INSULATION SLIPS OR BREAKS. THE CABLE THAT BREAKS IS CORRECTED BUT THE DAMAGED CABLE IS IGNORED AND LEFT FOR THE MEGGER TEST TO DETERMINE DAMAGE. CRAFT ARE OFTEN ORDERED NOT TO WAIT FOR QC INSPECTORS.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 4.3.1.2, 4.3.2.2, 4.4.1.2, 4.4.2.2, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5, 7.2.3.2
IN-85-436-004 T50011	CO	N	109	WBN	Y	Y	Y	Y	K-FORM		SR	TOO MANY WIRES IN ONE CONDUIT BEING PULLED OVER ENERGIZED WIRES. PRIOR TO 1 YR. AGO THIS DATE (6-8-85) THE MAX. PULL TENSION WAS NOT MONITORED	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 15
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	S H R D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109	
			PLT LOC	B F	B L	S Q					W B
IN-85-474-001 T50036	CO 109 IH 000	N	WBN	N	N	N	Y	EX-85-010-002	SR	EMPLOYEE WAS TOLD BY FOREMAN (NAME KNOWN) TO PERFORM WORK THAT HE WAS NOT QUALIFIED TO DO, OR ELSE BE FIRED. (UNIT 2) THIS INVOLVED THE TERMINATION OF AN ELECTRICAL JUNCTION BOX BY A SUB-JOURNEYMAN.	4.3.1.2, 4.3.2.2, 7.1.3.2
IN-85-506-002 T50043	CO 109	N	WBN	N	N	N	Y		NO	A GENERIC CONCERN WAS EXPRESSED REGARDING "SLOPPY" ROUTING OF CABLES IN CABLE TRAYS AND CABLES PARTIALLY OUT OF TRAYS AT CORNERS AND VERTICAL RISERS. NO SPECIFIC LOCATIONS, UNITS, OR OTHER DETAILS WERE PROVIDED. CONCERN WAS RELATED AS "ANYWHERE YOU LOOK."	4.1.1.2, 4.1.1.2, 7.2.1.2
IN-85-527-001 T50046	CO 109	N	WBN	N	N	N	Y	I-85-852-WBN	SR	AN A-TRAIN CABLE WAS APPARENTLY PULLED WITHOUT FUSE LENGTH. SUPERVISORS SAID TO CUT OFF EXCESS CABLE EVEN WITH ADJACENT CABLE THAT HAD BEEN PULLED CORRECTLY. WHEN A CRAFT WORKER WROTE A NOTE DOCUMENTING THIS ORDER, THE SUPERVISOR TOLD THE CREW TO HOLD OFF BECAUSE "DAY SHIFT MIGHT BE SETTING US UP." THE SUPERVISOR SAID HE WOULD SEND THE QC INSPECTOR ON A WILD GOOSE CHASE SO CRAFT COULD CUT THE WIRE.	4.1.1.2, 4.1.2.2, 7.1.1.2

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REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - BWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 16
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL PLT B B S W LOC F L Q B	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-533-001 T50219	CO MP	109 706	S	WBN N N N Y K-FORM		SR	A GENERAL FOREMAN (NAME KNOWN) AND FOREMAN LOCKED A QC INSPECTOR OUT OF A ROOM IN WHICH A CABLE PULL WAS IN PROGRESS. THE CRAFT WAS USING A COME-ALONG TO PULL THE CABLE. THIS HAPPENED IN ABOUT 1982 IN THE AUX. BLDG. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPARTMENT CONCERN.	4.1.1.2, 4.1.2.2, 7.1.1.2
IN-85-581-001 T50136	CO	109	N	WBN Y Y Y Y REPORT		SS	CABLE PULLING METHODS USED DURING 1976-1979 WERE NOT PROPER, AND COULD HAVE DAMAGED THE CABLE. EXAMPLES: CONDUIT WAS NOT CLEANED ON SYSTEM 257 RUNS FROM UNIT 1 AUX BLDG TO 692' ELEVATION CONTROL BLDG. WHEN CABLE WAS PULLED, A LARGE QUANTITY OF ORGANICS, WATER, ROCKS, AND GRAVEL WERE PUSHED OUT OF THE CONDUITS. THIS COULD HAVE DAMAGED THE CABLE INSULATION. CABLES THAT RUN FROM INTAKE PUMPING STATION TO MANHOLE AT SOUTH EAST CORNER OF TURBINE BLDG NEXT TO THE RAILROAD BAY ALSO WERE PULLED WITHOUT CLEANING CONDUIT. 6900 VOLT CABLE THAT POWERS THE REACTOR COOLING PUMPS WAS PULLED WITH A WINCH TRUCK, AND NO DYNAMETER WAS USED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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 FREQUENCY - REQUEST
 OWP - ISSS - RWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 17
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL PLT B B S W LOC F L Q B	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-581-001 (con't)	CO	109	N	WBN Y Y Y Y REPORT		SS	(THESE CABLES RUN FROM AUX BLDG 737' ELEV., NORTH EST SIDE THROUGH PENETRATION TO 757' ELEV. TO 780' ELEV AND THEN TO THE ANNULUS PENETRATION (WHERE THE CABLE TYPE CHANGES). CI HAD NO MORE INFORMATION. CONSTRUCTION DEPT. CONCERN.	
IN-85-581-002 T50135	CO MP	109 717	S	WBN N N N Y K-FORM	I-85-445-WBN	SR	WELDERS WHICH WERE NOT QUALIFIED AS ELECTRICIANS WERE USED TO TERMINATE ELECTRICAL CABLES. THIS WAS DONE ON DAY SHIFT AT SENIOR MANAGER'S (KNOWN) DIRECTION IN THE AUX BLDG - TO - INTAKE PUMP STRUCTURE UNDERGROUND DUCTS. (1979, CONSTRUCTION) THE CI HAD NO FURTHER INFORMATION.	4.3.1.2, 4.3.2.2, 7.1.3.2
IN-85-705-001 T50064	CO MP	109 701	S	WBN N N N Y REPORT	EX-85-010-002	SR	UNQUALIFIED PERSONNEL (SUBJOURNEYMEN) PERFORMING JOURNEYMAN'S WORK (TERMINATIONS) IN THE CONTROL ROOM, UNIT 1. CI HAS NO MORE DETAIL.	4.3.1.2, 4.3.2.2, 7.1.3.2
IN-85-705-002 T50064	CO MP	109 717	S	WBN N N N Y K-FORM		SR	UNQUALIFIED PERSONNEL (LINEMEN, SUBSTATION ELECTRICIANS, SIGN COMPANY ELECTRICIANS, ETC) PERFORMING SAFETY-RELATED ELECTRICAL FUNCTIONS AT WBNP. CI HAD NO MORE DETAIL.	4.3.1.2, 4.3.2.2, 7.1.3.2

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 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 18
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT LOC	B F	B L	S Q	W B	Y	REPORT	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-719-002 T50079	CO	109	N	WBN	N	N	N	Y		REPORT			SR ELECTRIC CABLES EXIT CABLE TRAY OVER A SHARP EDGE INTO A PENETRATION. THESE CABLES MAY ALSO VIOLATE MINIMUM BEND CRITERIA. LOCATION IS AZIMUTH 330 (CRANE WALL) ELEVATION 745' OVER LOOP #3 PUMP, UNIT #2. PENETRATION NUMBERS INCLUDE 2RR-3065/2RR-3060/2RR-3064/2RR-3074/2RR-3075.	4.1.1.2, 4.1.2.2
IN-85-720-003 T50099	CO	109	N	WBN	N	N	N	Y		REPORT			NO THE MAIN SWITCHYARD ON WATTS BAR SITE HAS ELECTRICAL CABLES WHICH HAVE SPLICES. THESE SPLICES HAVE ALREADY CAUSED PROBLEMS. CI DECLINED TO BE CONTACTED FOR ADDITIONAL INFORMATION. FOLLOW UP NOT REQUIRED.	4.2.1.2, 4.2.2.2
IN-85-733-001 T50117	CO	109	N	WBN	Y	Y	Y	Y		REPORT			SR SUPERVISION IS INTERESTED IN QUANTITY RATHER THAN QUALITY. "GET IT IN" IS THE SLOGAN. CABLES ARE PULLED ROUGHLY ARGUND SHARP CORNERS AND BENDS, WHEN THE CONDUITS ARE FULL. ELEV 729', 737', 747', AND 759' AUX. BLDG. UNIT 2. ALSO PROBLEM EXISTS IN CONTROL ROOM UNITS 1 & 2. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN. FOLLOW UP NOT REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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ATTACHMENT A
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 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 19
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
				PLT LOC	B F	B L	S Q				
IN-85-733-002 T50116	CO MP	109 716	S	WBN	N	N	N	Y	IN-85-733-002 SR	THE WORK OF INSERTING CABLES IN PENETRATION AREAS SHOULD BE DONE BY ELECTRICIANS NOT BY INSULATORS BECAUSE INSULATORS DON'T HAVE ANY IDEA AS TO WHAT IS IN THERE. REMOVAL OF FOAM OR FIRE PROTECTION BARRIER BY INSULATORS MIGHT SPOIL THE CABLES OR ENERGIZE AND KILL SOMEBODY. PENETRATIONS ARE ALL OVER THE PLANT. UNIT 1 & 2. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN.	4.5.1.2, 4.5.2.2
IN-85-774-006 T50275	CO	109	N	WBN	N	N	N	Y	SR	CABLE WAS PULLED UTILIZING A "COME-ALONG." CABLE IS LOCATED IN UNIT 1, FAN ROOM, AUX. BLDG., A2 & T&U LINE, ELEV. 737. INCIDENT OCCURRED IN 1983. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN.	4.1.1.2, 4.1.2.2, 7.1.1.2

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 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 20
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
			PLT LOC	B F	B L	S Q				
IN-85-798-005 T50152	CO 109 IH 000	S	WBN	N	N	N	Y	SR	SUPERVISION (KNOWN) EMPHASIZES PRODUCTION QUOTUS OVER QUALITY, AND THREATENS EMPLOYEES WITH TERMINATION IF QUOTAS ARE NOT MET. EMPLOYEES (DEPT. KNOWN) ARE REQUIRED TO WORK 7 DAYS A WEEK FOR PERIODS OF 2-4 MONTHS WITH NO SICK LEAVE OR NO TIME OFF. ADDITIONAL MINOR DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTR. DEPT. CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-85-856-005 T50094	CO 109 N	N	WBN	Y	Y	Y	Y	SS	THE PRACTICE OF USING A BREAK ROPE WHEN PULLING CABLE DID NOT BECOME EFFECTIVE UNTIL 1984 AFTER ALL THE "BIG" PULLS WERE MADE 3 + YEARS AGO WITHOUT BREAK ROPES. NO MORE INFORMATION AVAILABLE. NO FOLLOW UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 21
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	SUB CAT	S	H	PLT	B	B	S	W	QTC/NSRS INVESTIGATION REPORT	P	CONCERN DESCRIPTION	REFERENCE SECTION #
NUMBER	CAT	CAT	D	D	LOC	F	L	Q	B	REPORT	R	DESCRIPTION	CO SUBCATEGORY - 109
IN-85-864-001 T50255	CO	109	N	N	WBN	N	N	N	Y	K-FORM	SR	SOMETIMES ELECTRICIANS MUST VIOLATE THE MINIMUM BEND RADIUS TO COMPLETE A TERMINATION. THIS IS DONE BECAUSE IT IS IMPOSSIBLE TO GET THE WIRES INTO TERMINATING POSITION WITHOUT THIS EXCESSIVE BENDING. EXAMPLES MAY BE FOUND IN THE MICRO LIMIT SWITCHES LOCATED IN THE SOUTH FAN ROOM OF UNIT #2. NO ADDITIONAL INFORMATION AVAILABLE IN FILE. CONSTRUCTION DEPARTMENT CONCERN.	4.3.1.2, 4.3.2.2
IN-85-878-X01 T50087	CO	109	N	N	WBN	N	N	N	Y	K-FORM	SR	INDIVIDUAL EXPRESSED THAT QA REQUIREMENTS RELATIVE TO CONSTRUCTION/MAINTENANCE ACTIVITIES (PARTICULARLY CABLE PULLING) ARE "SILLY AND STUPID", AND THAT CI HAD NEVER PULLED CABLE IN THIS MANNER AT ANY OTHER TVA FACILITY.	4.1.1.2, 4.1.2.2
IN-85-935-001 T50096	CO	109	S	N	WBN	Y	Y	Y	Y	K-FORM	SR	CI STATES THAT 70% TO 75% OF THE CABLE INSTALLED IS BAD AND IT SHOULD BE REPLACED. WHEN THE CABLE WAS INSTALLED, PRESSURE BY SUPERVISORS CAUSED PRODUCTION NOT QUALITY. CABLE WAS PULLED WITHOUT PROPER EQUIPMENT. PROCEDURE WAS NOT FOLLOWED. AFTER CABLE WAS IN PLACE, IT WAS NOT PROTECTED AND WAS DAMAGED FURTHER BY CONSTRUCTION (UNIT 2) FOLLOW UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 22
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R	PLT	B	B	S	W	QTC/NSRS INVESTIGATION REPORT	P	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-978-001 T50208	CO	109	N	WBN	Y	Y	Y	K-FORM	SR	SUPERVISOR (KNOWN) DIRECTED THAT ELECTRICAL CABLE BE PULLED WITH CHERRY PICKERS, MACK TRUCKS, AND TRUCK MOUNTED WINCHES. PROBLEM WAS WIDESPREAD. EXAMPLES INCLUDE (A) MUCH OF THE LARGE CABLE IN BURIED CONDUIT IN THE 500 KV SWITCHYARD, AND (B) 500 MCM CABLE THAT IS NOW INSIDE THE TURBINE BUILDING #1, BUT WHICH WAS PULLED BY A MACK TRUCK USING A STEEL CABLE. CONDUIT ENDS WERE IN LINE WITH THE DOOR IN THE DIRECTION OF THE 500 KV SWITCHYARD. THE MACK TRUCK WAS STATIONED IN THE THEN INCOMPLETE SWITCHYARD 1976. CI HAS NO FURTHER INFORMATION.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.3, 7.1.1.4, 7.2.1.1, 7.2.1.3, 7.2.1.4, 7.2.1.5

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 23
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL	PLT LOC	B F	B L	S Q	W B	Y	INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-85-978-013 T50223	CO	101	S	WBN	N	N	N	N	Y			SR	TVA USES PROCEDURES AND DOCUMENTATION FOR "SHOW" ONLY. THEY HAD NO INTENTION OF ABIDING BY PROCEDURES. EXAMPLES: BAD MATERIAL HANDLING PRACTICES, BAD BACKFILLING PRACTICES, BAD CABLE PULLING METHODS, BAD CONCRETE POURING PRACTICES, AND EQUIPMENT THAT WAS UNSAFE TO OPERATE WERE ALL ENCOURAGED, AND WERE NOT FULLY OR ADEQUATELY DOCUMENTED. TIME FRAME: 1974 TO DATE. SPECIFIC EXAMPLES OF THESE INCIDENTS ARE CONTAINED AS OTHER CONCERNS IN THIS FILE. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
	CO	102												
	CO	109												
	MC	404												
	MP	706												
	QA	806												
IN-85-986-X02 T50111	CO	109	N	WBN	N	N	N	Y				SR	THE ISOMETRIC DRAWINGS FOR ALL THE CONDUIT IN UNIT #1 HAVE NOT BEEN GENERATED AS OF THIS DATE 7/31/85. CI HAS NO MORE INFORMATION. NO FOLLOW UP REQUIRED.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-85-993-X03 T50259	CO	109	N	WBN	N	N	N	Y				NO	WIRING LUGS HAVE BEEN INSTALLED BACKWARDS, AND THIS CAUSED PREVENTABLE REWORK. INCIDENTS HAVE OCCURRED PLANT WIDE. CONSTRUCTION DEPARTMENT CONCERN. C/I HAS NO FURTHER INFORMATION. NO FOLLOW-UP REQUIRED.	4.3.1.2, 4.3.2.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 24
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
				PLT LOC	B F	B L	S Q				
IN-85-993-002 T50259	CO	109	N	WBN	N	N	N	Y	SR	ELECTRICAL LUGS WERE CRIMPED WITH WRONG SIZE CRIMPING TOOL, BUT INSTEAD OF REPLACING LUGS, THEY WERE RE-CRIMPED USING CORRECT SIZE TOOL. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW-UP REQUIRED.	4.3.1.2, 4.3.2.2
IN-85-993-006 T50259	CO	109	S	WBN	N	N	N	Y	SR	NOT ALL ELECTRICAL INSPECTIONS SHEETS PROVIDED OBJECTIVE EVIDENCE THAT ELECTRICAL CABLE SIDE WALL TENSION MAXIMUM VALUES WERE NOT EXCEEDED DURING PULLING. CI HAD NO FURTHER INFORMATION. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW-UP REQUIRED.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-86-028-001 T50110	CO	109	N	WBN	Y	Y	Y	Y	SS	CABLE PULL LIMITS WERE EXCEEDED ON THE CABLE GOING TO THE INTAKE PUMPING STRUCTURE (IPS) ELECTRICAL MAN HOLES 3, 4, 5, 6, 7, 8. CI HAS NO ADDITIONAL INFORMATION.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 25
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109	
				PLT LOC	B F	B L	S Q					W B
IN-86-028-003 T50110	CO	109	N	WBN	N	N	N	Y	K-FORM	SR	TIE-WRAPS WERE CUT (HOLDING ELECTRICAL CABLE TRAYS), AND CABLES "BUNCHED UP" (480V AND BELOW) PRIOR TO THE APPLICATION OF "FLAMEASTIC" (FIRE PROTECTION) TO THE CABLES. AFFECTED CABLE IS ANYPLACE ALONG "Q" LINE WALL BETWEEN THE CONTROL BUILDING AND THE AUXILIARY BUILDING; ELEVATION 741 ON THE CONTROL BUILDING SIDE, AND ELEVATION 737 ON THE AUXILIARY BUILDING SIDE. CI HAS NO FURTHER INFORMATION.	4.5.1.2, 4.5.2.2, 7.2.5.2
IN-86-036-002 T50189	CO	109	N	WBN	N	N	N	Y	K-FORM	SR	CABLE PULLING PROCEDURES WERE VIOLATED BY NOT USING STRAIN GAUGES/FUSE LINKS AS REQUIRED. UNIT 2. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CI HAS NO FURTHER INFORMATION.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-86-199-001 T50123	CO	109	N	WBN	Y	Y	Y	Y	I-85-466-WBN REPORT	SS	CABLE PULLS ARE NOT ALWAYS PERFORMED TO THE REQUIREMENTS OF OF THE QCI. FOR EXAMPLE, BREAK LINKS WERE NOT USED DURING CABLE PULLS, AND CONDUITS ARE TOO FULL. CONSTRUCTION CONCERN. CI HAS NO ADDITIONAL INFORMATION.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 26
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	S	GENERIC APPL	PLT B B S W	LOC F L Q B	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-86-201-001 T50130	CO	109	N		WBN Y Y Y Y			I-85-466-WBN REPORT	SS	CABLE PULLING LIMITS MAY HAVE BEEN EXCEEDED DURING CABLE PULLS BEFORE 1982. CI STATES THAT PULLING LIMITS WERE NOT ADHERED TO OR MONITORED BEFORE THAT DATE. CONST. DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
IN-86-212-N03	CO	109	N		WBN N N N Y			REPORT	SR	NRC IDENTIFIED THE FOLLOWING CONCERN FROM THEIR REVIEW OF THE QTC FILES: STANDARD PRACTICE AT WBNP IS TO OVER-FILL CONDUIT, I.E., "STUFF AS MANY AS YOU CAN, UNTIL RESISTANCE."	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-86-212-001 T50210	CO	109	N		WBN N N N Y			K-FORM	SR	CI STATED THAT CABLE PULL LIMITS HAVE BEEN EXCEEDED IN CONSTRUCTION OF UNITS 1 & 2. (AUX BLDG, 737' ELEV, SYSTEM 31, MAY-JUNE 1985) CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 27
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109	
				PLT LOC	B F	B L	S Q					W B
IN-86-238-001 T50262	CO MP	109 701	S	WBN	N	N	N	Y	IN 85-627-002	SR	A SUB-JOURNEYMAN WAS STOPPED WHEN IN THE PROCESS OF TERMINATING ELECTRICAL CABLES BY THE UNION JOB STEWARD. THE SUB-JOURNEYMAN WAS TERMINATING CABLES IN A JUNCTION BOX, LOCATED IN THE ADDITION EQUIPMENT BUILDING. THE SUB-JOURNEYMAN WAS WORKING UNDER THE DIRECTION OF A JOURNEYMAN ELECTRICIAN. THE SUB-JOURNEYMAN WAS INSTRUCTED TO PERFORM JOURNEYMAN WORK BY THE ASSISTANT ELECTRICAL SUPERINTENDENT. NAMES AND DETAILS KNOWN TO QTC, BUT WITHHELD TO MAINTAIN CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CI HAS NO ADDITIONAL INFORMATION.	4.3.1.2, 4.3.2.2, 7.1.1.2
IN-86-252-004 T50183	CO	109	N	WBN	N	N	N	Y		SR	A CABLE WAS POTENTIALLY DAMAGED INADVERTENTLY BY CRAFT DRILLING IN A CABLE TRAY. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	4.1.1.2, 4.1.2.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 28
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	S	H	GENERIC APPL	PLT B B S W	LOC F L Q B	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-86-254-001 T50208	CO	109	N	WBN	N	N	N	Y	K-FORM	SR	ELECTRICAL CABLES WERE OFTEN PULLED BY TRUCK OR OTHER MEANS NOT ALLOWED BY PROCEDURE. EXAMPLE CITED OCCURRENCE IN 1978-1979, CABLE PULLS TO THE INTAKE PUMPING STATION FROM THE TURBINE AND AUXILIARY BLDG. "FUSE LINKS" WERE BY PASSED BY USING STEEL CABLE CHOKERS. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-86-254-002 T50208	CO	109	N	WBN	N	N	N	Y	K-FORM	SR	ELECTRICAL CABLES WERE PULLED FROM MANHOLES 1 AND 2 TO AUX BUILDING ELEVATION 737. A STEEL CABLE WAS HOOKED BEFORE AND AFTER THE FUSE LINK TO ENABLE THE CABLE TO BE PULLED SHOULD THE FUSE LINK BREAK. THE CABLE WAS PULLED DURING 1ST SHIFT IN 1978-79. (CREWS KNOWN) THE CABLE BEING PULLED WAS LOW, MEDIUM, AND HIGH VOLTAGE. THE CABLE WAS FOR UNITS I & II. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 29
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT LOC	B F	B L	S Q	W B	GENERIC APPL	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-86-254-006	CO	109	S	WBN	N	N	N	Y			SR	CONSTRUCTION CABLE PULLING INSPECTIONS PRIOR TO 1978-79, THAT WERE PERFORMED BY ENGINEERING WERE NOT THOROUGH. IN MANY CASES ENGINEERS WERE NEVER REQUESTED TO PERFORM INSPECTIONS. CI IS NOT SURE THAT THESE INSPECTIONS WERE EVER DOCUMENTED. QC INSPECTIONS ARE STILL INADEQUATE AS NOT ENOUGH INSPECTORS ARE UTILIZED DURING A LONG PULL. INSPECTORS ARE NOT STATIONED AT CRITICAL LOCATIONS DURING THE PULL. (EXAMPLE: IN AND OUT OF MANHOLES AND JB BOXES). CONSEQUENTLY, NON-CONFORMING CONDITIONS MAY EXIST IN THE FIELD. (UNITS I AND II) CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPT. CONCERN.	4.4.1.2, 4.4.2.2, 7.1.4.2
IN-86-259-001 T50149	CO	109	N	WBN	Y	Y	Y	Y	REPORT	I-85-568-WBN	SS	TVA FAILED TO USE FUSE LINKS OR OTHER TENSION INDICATORS WHILE PULLING CABLE. FUSE LINKS HAVE ONLY BEEN USED IN THE PAST 1 1/2 YEARS. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW-UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 30
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT	B	B	S	W	QTC/NSRS INVESTIGATION REPORT	P	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-86-259-002 T50226	CO	109	N	WBN	N	N	N	Y	K-FORM	SR	CONSTRUCTION ATTACHED A STEEL CABLE BEFORE AND AFTER THE FUSE LINK TO ENABLE THE CABLE PULL TO CONTINUE SHOULD THE FUSE LINK BREAK. FOR YEARS NO PROCEDURES EXISTED, NOR WERE FUSE LINKS USED TO PREVENT CABLE DAMAGE DURING CABLE PULLS. CABLES WERE DAMAGED OR BROKEN DURING MANY PULLS. EXAMPLE; AUX. BUILDING ELEVATION 737 ABOUT A2 AND "T" LINES. THERE'S A CONDUIT THAT RUNS INTO THE NORTH STEAM VALVE ROOM, UNIT 1. 2 OR 3 CONDUCTORS, #16, "Q" CABLE, BROWN TRAIN. THIS HAPPENED AROUND SUMMER 1980. CI HAS NO ADDITIONAL DETAILS. CONST. DEPT. CONCERN.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-86-259-004 T50149	CO	109	N	WBN	Y	Y	Y	Y	I-85-518-WBN REPORT	SS	CABLES HAVE BEEN PULLED AT WATTS BAR BY USING A COME-ALONG WINCH. DOORS WERE HELD SHUT TO PREVENT QC OBSERVATION. CONSTRUCTION DEPT CONCERN. (DETAILS TO THIS SPECIFIC CASE ARE KNOWN TO QTC AND WITHHELD TO MAINTAIN CONFIDENTIALITY). CI HAS NO FURTHER INFORMATION. NO FOLLOW-UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 4.4.1.2, 4.4.2.2, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.1.4.2, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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REFERENCE - ECPS131J ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 31
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT LOC	B F	B L	S Q	W B	Y	Y	Y	Y	REPORT	INVESTIGATION REPORT	P S	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-86-259-005 T50149	CO	109	N	WBN	Y	Y	Y	Y					REPORT	I-85-569-WBN	SR	MANY ELECTRICAL CABLES WERE BUNCHED TOGETHER IN CABLE TRAYS TO MAKE IT EASIER TO COVER THEM WITH INSULATION (VEMASCO) OR FLAMEASTIC. THIS MAY RESULT IN HEAT BUILDUPS. CONSTRUCTION DEPT. CONCERN: CI HAS NO FURTHER INFORMATION. NO FOLLOW-UP REQUIRED.	4.5.1.1, 4.5.1.2, 4.5.1.3, 4.5.1.4, 4.5.1.5, 4.5.2.2, 4.5.2.3, 4.5.2.4, 4.5.2.5, 7.2.5.1, 7.2.5.2, 7.2.5.3, 7.2.5.4
IN-86-259-007 T50226	CO	109	N	WBN	N	N	N	Y					K-FORM		SR	AN ELECTRICIAN WAS ORDERED TO RELUG 7 OR 9 WIRE #12 CABLE THAT WAS MISTAKENLY CUT DURING CONSTRUCTION. THE ELECTRICIAN WAS INSTRUCTED TO PERFORM THIS WORK WITHOUT PROPER PAPERWORK. THE CABLE IS LOCATED IN THE MAIN STEAM VALVE ROOM OF UNIT I, SOUTH ROOM. THE WORK WAS PERFORMED IN 1983, IN THE SUMMERTIME. THE CABLE RUNS FROM THE JUNCTION BOX INSIDE THE DOOR TO THE AUX. BUILDING. CI DOES NOT THINK THAT THE CABLE WAS RETESTED AFTER RELUGGING. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONST. DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.	4.3.1.2, 4.3.2.2

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 32
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	GENERIC PLT B B S W LOC F L Q B	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
IN-86-259-008 T50226	CO	109	N	WBN N N N Y K-FORM		SR	IN MARCH OR APRIL OF 1984, A CERTAIN SUPERVISOR (KNOWN) TOLD 3 OR 4 CREWS OF ELECTRICIANS IN (DEPT. KNOWN) TO FIX THE PROBLEMS, AND DON'T WORRY ABOUT PAPERWORK OR INSPECTIONS. MANY REPAIRS HAVE BEEN MADE ON "Q" AND NON-"Q" CABLE WITHOUT PAPERWORK OR INSPECTIONS. THIS SUPERVISOR WAS ASKED ABOUT PULLING SOME CABLE THROUGH PENETRATIONS THAT WERE SO FULL YOU WOULD HAVE TO USE POLYWATER TO MAKE THE PULL. THE SUPERVISOR STATED, "YOU KNOW HOW TO DO, JUST FIX IT". NAMES AND OTHER DETAILS KNOWN TO QTC BUT WITHHELD TO MAINTAIN CONFIDENTIALITY. NO FURTHER INFORMATION CAN BE RELEASED. CONST. DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-86-259-014 T50216	CO	109	N	WBN N N N Y K-FORM		SR	CABLE BROKE DUE TO IMPROPER PULLING METHODS. CABLE WAS THEN SPLICED AND PULLED INTO CONDUIT. CABLE WAS CONTROL CABLE TWO, GOING FROM ELEV. 737' AUXILIARY BUILDING TO THE OUTSIDE MANHOLES. INCIDENT OCCURRED APPROX. 1980. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	4.1.1.2, 4.1.2.2, 4.2.1.2, 4.2.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 33
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	S R D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109			
			PLT LOC	B F	B L	S Q					W B		
IN-86-259-015 T50226	CO QA	109	S	WEN	N	N	N	Y	802	K-FORM	SR	QC PERSONNEL (KNOWN) OBSERVED CABLES BEING RELUGGED WITHOUT PROPER PAPERWORK. AFTER THE WORK WAS COMPLETED, THE QC PERSONNEL INSPECTED THE UNAUTHORIZED WORK. UNIT I, SOUTH MAIN STEAM VALVE ROOM, SUMMER OF 1983. THE CABLE RUNS FROM THE JUNCTION BOX INSIDE THE DOOR, TO THE AUXILIARY BUILDING. CONST. DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	4.3.1.2, 4.3.2.2, 4.4.1.2, 4.4.2.2
IN-85-262-003 T50148	CO	109	N	WBN	Y	Y	Y	Y	I-85-573-WBN	REPORT	SR	UNITS 1&2, APPROXIMATELY A YEAR AND ONE-HALF AGO (1983) A BREAK LINK WAS TO BE USED DURING A CABLE PULL; HOWEVER, A "STEEL CHOKER" IS STILL BEING ADDED AND THE PROBABILITY OF EXCEEDING THE MAXIMUM PULL TENSION IS VERY HIGH. MOST OF THE CABLE HAD BEEN PULLED BY 1983. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
IN-86-266-001 T50255	CO	109	N	WBN	N	N	N	Y		K-FORM	SR	CABLE PULLING HAS BEEN ACCOMPLISHED BY TRUCKS, AND WINCHES AT DIFFERENT TIMES. NO ADDITIONAL INFORMATION AVAILABLE IN FILE. CONSTRUCTION DEPARTMENT CONCERN.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.2.1.1

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 34
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
				PLT	B	B	S				
IN-86-266-002 T50255	CO	109	N	WBN	N	N	N	Y	SR	MANY CABLES WERE PULLED AT WATTS BAR WITHOUT USING FUSE LINKS. NO ADDITIONAL INFORMATION AVAILABLE IN FILE. CONSTRUCTION DEPARTMENT CONCERN.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.2.1.1, 7.2.1.2
IN-86-266-005	CO	109	N	WBN	N	N	N	Y	SR	THE NRC WAS NOTIFIED, AND INVESTIGATED THE CONCERN REGARDING THE SPLICING OF ELECTRICAL CABLES; HOWEVER, C/I HAS NO KNOWLEDGE OF ANY ACTION TAKEN. NAMES KNOWN TO QTC, WITHHELD TO MAINTAIN CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW-UP REQUIRED.	4.2.1.2, 4.2.2.2
IN-86-266-006 T50255	CO	109	N	WBN	Y	Y	Y	Y	SR	MANY CABLES WERE PULLED AROUND 90 DEGREE BENDS WITHOUT MAINTAINING PROPER PLACEMENT IN THE CABLE TRAYS. NO ADDITIONAL INFORMATION AVAILABLE IN FILE. CONSTRUCTION DEPARTMENT CONCERN.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

PAGE - 35
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	S H R D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
			PLT LOC	B F	B L	S Q				
IN-86-268-002 T50241	CO 109	N	WBN	Y	Y	Y	Y	SR	BY REMOVING VAMUSCO FROM ELECTRICAL CABLES WITH A KNIFE OR OTHER SHARP OBJECTS PROVIDES A POTENTIAL FOR DAMAGING THE ELECTRICAL CABLES. CI DOES NOT KNOW ANY SPECIFICS. NOR HAS ANY ADDITIONAL INFORMATION. CONSTRUCTION DEPARTMENT CONCERN.	4.5.1.2, 4.5.1.3, 4.5.1.4, 4.5.1.5, 4.5.2.2, 4.5.2.3, 4.5.2.4, 4.5.2.5, 7.2.5.2, 7.2.5.3, 7.2.5.4
IN-86-268-003 T50150	CO 109	N	WBN	Y	Y	Y	Y	SR	CABLES WERE INSTALLED IMPROPERLY IN THE CONTROL BLDG., AT ELEVATION 729' AND 741' SPREADER ROOM. CABLE SEPARATION WAS IMPROPER BEFORE PAINTING WITH INSULATION. (FLANU-ASTIC OR VEMASCO). CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW-UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5
IN-86-314-N06	CO 109	N	WBN	N	N	N	Y	SR	NRC IDENTIFIED THE FOLLOWING CONCERN FROM REVIEW OF QTC FILE. "CABLE KINKS, BRUISING, INSTALLATION, TERMINATIONS, AND WIRING, CONTROL ROOM DIODES, AND RECTIFYERS, INSTRUMENTS ARE PROBLEMS."	4.1.1.2, 4.1.2.2, 4.3.1.2, 4.3.2.2, 7.2.1.2, 7.2.3.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 36
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	S H	GENERIC APPL	PLT B B S W	LOC F L Q B	QTC/NSRS	P	INVESTIGATION	S	R	CONCERN DESCRIPTION	REFERENCE SECTION #
IN-86-314-001 T50253	CO	109	N		WBN N N N Y K-FORM								SR IT IS COMMON PRACTICE TO UTILIZE IMPROPER CABLE PULLING TECHNIQUES AT WATTS BAR. CABLES WERE PULLED FROM THE SWITCHYARD TO THE DIESEL GENERATOR BUILDING IN 1983 BY USING A WINCH TRUCK, AND HAND COME-ALONG. NO ADDITIONAL DETAILS AVAILABLE IN FILE. CONSTRUCTION DEPT. CONCERN. NO FOLLOW-UP REQUIRED.	4.1.1.2, 4.1.2.2
IN-86-314-002 T50165	CO	109	N		WBN N N N Y REPORT								SR CABLE PULLING PROCEDURES ARE INADEQUATE. CONSTRUCTION DEPT. CONCERN. C/I HAS NO ADDITIONAL INFORMATION.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
IN-86-314-003 T50253	CO	109	N		WBN N N N Y REPORT								SR MANY CABLES ARE TERMINATED WITHOUT HAVING ANY TYPE OF RESISTANCE OR CONTINUITY TEST PERFORMED FIRST. NO ADDITIONAL INFORMATION AVAILABLE IN FILE. CONST. DEPT. CONCERN. NO FOLLOW-UP REQUIRED.	4.3.1.2, 4.3.2.2, 7.2.3.2

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ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE 37
 RUN TIME 12:23:58
 RUN DATE 10/21/83

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
				PLT LOC	B F	B L	S Q				
IN-86-314-005 T50253	CO MP	109	S 706	WBN	Y	Y	Y	Y	SR	CABLE SPLICING IN MANY CASES HAS BEEN IMPROPER AND NOT DOCUMENTED CORRECTLY. (E.G. A CONDUCTOR HAD A HOLE IN THE OUTER INSULATION, A SUPERVISOR WAS CALLED TO LOOK AT IT AND HE SAID, "TAPE IT OVER AND PULL IT IN", 1983.) ADDITIONAL INFORMATION KNOWN TO QTC, WITHHELD TO MAINTAIN CONFIDENTIALITY. NO ADDITIONAL INFORMATION MAY BE RELEASED. CONSTRUCTION DEPT. CONCERN. NO FOLLOW-UP REQUIRED.	4.2.1.1, 4.2.1.2, 4.2.1.3, 4.2.1.4, 4.2.1.5, 4.2.2.2, 4.2.2.3, 4.2.2.4, 4.2.2.5, 7.1.2.2, 7.1.2.3, 7.1.2.5, 7.2.2.2, 7.2.2.4
JLH-86-002	CO	109	N	SQN	N	N	Y	N	SS	ELECTRICAL CONAX CONNECTORS HAVE BEEN INSTALLED WITH WIRE BEND RADIUS SMALLER THAN ALLOWED BY M&AI-19, PARAGRAPH 3.4.	4.1.1.3, 4.1.2.3
MAS-85-003	CO	109	N	SQN	N	N	Y	N	SS	ADEQUACY OF CABLE SPLICE/REPAIR ON CS CCS PUMP MOTOR	4.2.1.3, 4.2.2.3, 7.1.2.3

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 38
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT LOC	B F	B L	S Q	W N	Y	N	GENERIC APPL	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
00-85-005-014 T50272	CO	109	N	SQN	N	N	Y	N			REPORT		SS	SEQUOYAH - INSULATION WAS MISTAKENLY CUT OFF OF A 440 VOLT CABLE. WHEN THE MISTAKE WAS DISCOVERED, THE INSULATION WAS REATTACHED WITH ELECTRICAL TAPE. CABLE IS THE POWER FEED TO THE BACK FLOW (OR DISCHARGE) GATE HOIST MOTOR (MOTOR NOS. 1AA, 1BB, 2AA AND 2BB IN ONE OF THE FOLLOWING CONDUITS: 1-PL-6370-B, 1-PL-6360-A, 2-PL-6370-B OR 2-PL-6360-A). INCIDENT OCCURRED IN 1977. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN. CI HAS NO FURTHER INFORMATION.	4.7.1.3, 4.7.2.3
00-85-007-004 T50224	CO	109	N	WBN	Y	Y	Y	Y			K-FORM		SR	VAMASCO FIRE PROOFING WAS APPLIED TO ELECTRICAL POWER CABLES SO THICKLY THAT IT WILL NOT ALLOW RESISTANCE HEAT TO DISSIPATE. THIS WILL CAUSE THE ELECTRICAL INSULATION TO BREAK DOWN AND FAIL. CI HAS NO FURTHER INFORMATION CONSTRUCTION DEPARTMENT CONCERN NO FOLLOW-UP REQUIRED.	4.5.1.1, 4.5.1.2, 4.5.1.3, 4.5.1.4, 4.5.1.5, 4.5.2.2, 4.5.2.3, 4.5.2.4, 4.5.2.5, 7.2.5.1, 7.2.5.2, 7.2.5.3, 7.2.5.4

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REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 39
 RUN TIME - 12:23:58
 RUN DATE - 10/21/80

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R	D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
				PLT	B	B	S				
OW-85-007-005 T50224	CO	109	N	WBN	N	N	N	Y	SR	VAMASCO WAS APPLIED TO ELECTRICAL CABLES OVER DIRT AND TRASH SUCH AS CIGARETTE BUTTS AND PIECES OF SANDWICH. THIS WORK IS BELIEVED TO HAVE BEEN DONE BY NON-ELECTRICIANS (KNOWN) AND OCCURRED ABOUT 1980 - 1981 AUX. BLDG 708' AND 737' EL. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPARTMENT CONCERN AND NO FOLLOW UP REQUIRED.	4.5.1.2, 4.5.2.2
OW-85-007-012 T50225	CO	109	N	WBN	N	N	N	Y	NO	NON-ELECTRICAL CRAFT (KNOWN) WERE REPORTEDLY USED TO PULL ELECTRICAL CABLE AT WBNP SOMETIME BEFORE 1979. CI HAS NO FURTHER INFORMATION. CONSTRUCTION DEPARTMENT CONCERN. NO FOLLOW UP REQUIRED.	4.1.1.2, 4.1.2.2
PH-85-003-N32	CO	109	N	WBN	Y	Y	Y	Y	SR	NRC IDENTIFIED THE FOLLOWING CONCERN FROM THEIR REVIEW OF THE QTC FILES: CRIMP ON LUGS SPECIFIED FOR STRANDED WIRE ARE USED ON SOLID WIRE AGAINST VENDOR SPEC. (AMP).	4.3.1.1, 4.3.1.2, 4.3.1.3, 4.3.1.4, 4.3.1.5, 4.3.2.2, 4.3.2.3, 4.3.2.4, 4.3.2.5, 7.2.3.2, 7.2.3.3, 7.2.3.4

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

PAGE - 40
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109	
				PLT LOC	B F	B L	S Q					W B
PH-85-003-N33	CO	109	N	WBN	N	N	N	Y	K-FORM	SR	NRC IDENTIFIED THE FOLLOWING CONCERN FROM THEIR REVIEW OF THE QTC FILES: NCR FOR CRIMP-ON LUGS GENERATED FOR WBN BUT NOT FOR SQN.	4.3.1.2, 4.3.2.2, 7.2.3.2
PH-85-050-001 T50178	CO	109	N	WBN	N	N	N	Y	K-FORM	SR	ERT & NRC WOULD BE INTERESTED IN A WIRE PULLING DETAIL OCCURRING IN THE VICINITY OF THE POWER PRODUCTION LOADING RAMP, MANHOLE # 22. CI HAS NO FURTHER INFORMATION. DEPT UNKNOWN.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
QCP10.35-8-5	CO	109	N	BLN	N	Y	N	N	REPORT	SR	CI SAW CABLE IN TRAY THAT HE THOUGHT WAS EXCESSIVELY TIGHT OR LOOSE. CI FELT CABLE INSULATION WAS DAMAGED AND REPAIRED BY ELECTRICAL TAPE. SOUTH END OF TB, ELEVATION 629.	4.1.1.5, 4.1.2.5, 4.7.1.5, 4.7.2.5
WI-85-011-002 T50031	CO	109	N	WBN	N	N	N	Y	REPORT	NO	500 KV LINE IN TURBINE (UNIT 1 729') BUILDING WAS SPLICED THEN THE SPLICE WAS SHOVED BACK INTO CONDUIT.	4.2.1.2, 4.2.2.2

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 41
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT LOC	GENERIC APPL	QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
WI-85-028-001 T56083	CO	109	N	WBN	N N N Y K-FORM		SR	ELECTRICIANS WERE HIRED TO PERFORM CABLE SPLICES ON HIGH VOLTAGE CABLES AND WERE NOT TRAINED TO CORRECTLY PERFORM THE SPLICES. TWO CABLES INSTALLED IN EAST MANHOLE (O-PMP-40-05 M #/02) FAILED THE HI-POT TEST. THE CABLES WERE REWORKED. THE POSSIBILITY EXISTS THAT ADDITIONAL CABLES WERE SPLICED INCORRECTLY, BUT HAPPENED TO PASS THE NEXT HI-POT TEST. MANHOLE IS LOCATED BETWEEN CONDENSATE STORAGE TANKS.	4.2.1.2, 4.2.2.2
WI-85-100-012 T50211	CO	109	N	WBN	N N N Y K-FORM		SR	CABLE PULL TENSION MONITORING IS LAX. CI HAS NO FURTHER INFORMATION. ANONYMOUS CONCERN VIA LETTER.	4.1.1.2, 4.1.2.2, 7.1.1.1, 7.1.1.2, 7.2.1.1, 7.2.1.2
WI-85-100-013 50211	CO	109	N	WBN	Y Y Y Y REPORT		SR	CABLE BENDING RADII PROBLEMS. CI HAS NO FURTHER INFORMATION. ANONYMOUS CONCERN VIA LETTER.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 42
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	S D	GENERIC APPL				QTC/NSRS INVESTIGATION REPORT	P S R	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
				PLT LOC	B F	B L	S Q				
WI-85-100-020 T50212	CO	109	N	WBN	N	N	N	Y	SR	EXTREMELY BAD CABLE PRACTICES EXIST. CABLING IS ROUTED OUTSIDE TRAYS, COILED ON TRAY SUPPORTS OR FLOORS, TIED ON SIDES OF TRAYS AND SUPPORTS, TIED ON THE BOTTOM OF TRAYS, WIRES ARE BENT 90 DEGREES INTO CONDUIT, PLASTIC CONDUIT BRIDGES BETWEEN CABLE TRAYS, ETC. CI HAS NO FURTHER INFORMATION. ANONYMOUS CONCERN VIA LETTER.	4.1.1.2, 4.1.2.2, 7.2.1.2
XX-85-008-001 T50075	CO	109	N	BLN	Y	Y	Y	Y	SS	AT BELLEFONTE, NO MECHANICAL DEVICE WAS USED TO PULL CABLES. HOWEVER, USED AS MANY MEN AS THEY WANTED TO. THEREFORE, MAX TENSION WAS EXCEEDED. THIS OCCURRED DURING 1981 IN THE TURBINE BUILDING OF UNIT 1 & 2.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 43
 RUN TIME - 12:23:58
 RUN DATE - 10/21/86

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R CAT	D	PLT	B	B	S	W	QTC/NSRS INVESTIGATION REPORT	P	CONCERN DESCRIPTION	REFERENCE SECTION # CATEGORY - CO SUBCATEGORY - 109
XX-85-027-012	CO	109	B	SQN	N	N	Y	N	REPORT	SR	SEQUOYAH UNIT SUPERVISOR (KNOWN) CUT INSULATION BACK FROM TERMINATION PLUGS TO MAKE THEM APPEAR PROPERLY INSTALLED. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. CONSTRUCTION DEPARTMENT CONCERN.	2.3.3.3, 3.1.3, 4.3.1.3
XX-85-094-004 TS0150	CO	109	N	BLN	Y	Y	Y	Y	K-FORM	SR	BELLEFONTE: THE MAJORITY OF CABLE HAS BEEN PULLED BEFORE THE USE OF FISH TAPE FUSE LINK OR MONITORING DEVICES WERE REQUIRED; THEREFORE THE MAX. PULL TENSION WAS NOT MONITORED. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.5, 4.1.2.1, 4.1.2.2, 4.1.2.3, 4.1.2.4, 4.1.2.5, 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.2.1.1, 7.2.1.2, 7.2.1.3, 7.2.1.4, 7.2.1.5

ATTACHMENT A
 SUBCATEGORY SUMMARY TABLE AND LIST OF CONCERNS
 TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 LIST OF EMPLOYEE CONCERN INFORMATION

PAGE - 44
 RUN TIME - 12:23:51
 RUN DATE - 10/21/84

REFERENCE - ECPS131J-ECPS131C
 FREQUENCY - REQUEST
 OWP - ISSS - RWM

CATEGORY: CO CONSTRUCTION-PROCESS SUBCATEGORY: 109 CABLE

CONCERN NUMBER	SUB CAT	R	PLT LOC	GENERIC APPL	QTC/NSRS INVESTIGATION REPORT	P	CONCERN DESCRIPTION	REFERENCE SECTION #
	CAT	D	LOC	PLT B B S W F L Q B				CATEGORY - CO SUBCATEGORY - 109
XX-85-094-005 T50150	CO	109	N	BLN Y Y Y Y	REPORT	SR	BELLEFONTE: AN "ILLEGAL" FISH HOOK TYPE TOOL WAS FREQUENTLY USED TO REMOVE THE FOAM ON TERMINATIONS SO MORE CABLE COULD BE PULLED. THIS ILLEGAL TOOL CAUSED AN INDETERMINATE AMOUNT OF DAMAGE. AN NCR (#UNKNOWN) WAS GENERATED IN MID-1984 TO ADDRESS THIS CONDITION BUT MAY HAVE BEEN INADEQUATE TO VERIFY ALL DAMAGED CABLE HAS BEEN IDENTIFIED AND CORRECTED. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.	4.5.1.2, 4.5.1.3, 4.5.1.4, 4.5.1.5, 4.5.2.2, 4.5.2.3, 4.5.2.4, 4.5.2.5, 7.1.5.2, 7.1.5.5, 7.2.5.3, 7.2.5.4

113 CONCERNS FOR CATEGORY CO SUBCATEGORY 109.

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

TVA EMPLOYEE CONCERNS
SPECIAL PROGRAM

REPORT NUMBER: 10900

REVISION NUMBER: 3

PAGE 1 OF 1

ATTACHMENT B

List of Evaluators

<u>Evaluator</u>	<u>Plant</u>
Robert M. Brown	SQN, BFN, BLN
Margaret E. Selewski	WBN, SQN

TVA EMPLOYEE CONCERNS
SPECIAL PROGRAM

REPORT NUMBER: 10900

REVISION NUMBER: 3

PAGE 1 OF 2

ATTACHMENT C

List of Concerns by Issue

<u>Cable Pulling</u>	<u>Cable Pulling</u>
*EX-85-073-001	IN-85-978-001
EX-85-076-003	IN-85-978-013
EX-85-086-001	IN-85-986-X02
EX-85-157-002	IN-85-993-006
HI-85-010-001	IN-86-028-001
*HI-85-113-N02	IN-86-036-002
IN-85-009-001	IN-86-199-001
IN-85-046-001	IN-86-201-001
IN-85-120-001	IN-86-212-N03
IN-85-186-010	IN-86-212-001
IN-85-201-002	IN-86-252-004
IN-85-213-001	IN-86-254-001
IN-85-241-N11	IN-86-254-002
IN-85-255-001	IN-86-259-001
IN-85-295-003	IN-86-259-002
IN-85-300-002	*IN-86-259-004
IN-85-314-001	IN-86-259-008
IN-85-318-001	*IN-86-259-014
IN-85-318-002	IN-86-262-003
IN-85-318-003	IN-86-266-001
IN-85-323-002	IN-86-266-002
IN-85-325-005	IN-86-266-006
IN-85-425-004	IN-86-268-003
*IN-85-506-002	*IN-86-314-N06
IN-85-506-001	IN-86-314-001
IN-85-506-002	IN-86-314-002
IN-85-527-001	JLH-86-002
IN-85-533-001	OW-85-007-012
IN-85-581-001	PH-85-050-001
IN-85-719-002	*BNP QCP-10.35-B-5
IN-85-733-001	WI-85-100-012
IN-85-774-006	WI-85-100-013
IN-85-798-005	WI-85-100-020
IN-85-856-005	XX-85-008-001
IN-85-878-X01	XX-85-094-004
IN-85-935-001	

TVA EMPLOYEE CONCERNS
SPECIAL PROGRAM

REPORT NUMBER: 10900

REVISION NUMBER: 3

PAGE 2 OF 2

ATTACHMENT C

List of Concerns by Issue
(Continued)

Splicing

*EX-85-073-001
*HI-85-113-N02
IN-85-720-003
*IN-86-259-014
IN-86-266-005
IN-86-314-005
MAS-85-003
WI-85-011-002
WI-85-028-001

Inspection of Cable

*IN-85-433-002
IN-86-254-006
*IN-86-259-004
*IN-86-259-015

Fireproofing Cables

IN-85-018-004
IN-85-186-002
IN-85-733-002
IN-86-028-003
IN-86-259-005
IN-86-268-002
OW-85-007-004
OW-85-007-005
XX-85-094-005

Insulation Damage

BNPQ 10.35-7
*BNPQ 10.35-8-5
OC-85-005-014

Cable Terminations

EX-85-092-002
EX-85-148-001
EX-85-157-003
I-85-101-WBN
IN-85-425-001
IN-85-433-N04
*IN-85-433-002
IN-85-474-001
IN-85-581-002
IN-85-705-001
IN-85-705-002
IN-85-864-001
IN-85-993-X03
IN-85-993-002
IN-86-238-001
IN-86-259-007
*IN-86-259-015
*IN-86-314-N06
IN-86-314-003
PH-85-003-N32
PH-85-003-N33
XX-85-027-012

Maintaining Cables

EX-85-092-003
IN-85-346-001
IN-85-373-001
IN-85-374-001

1R3

* Concern appears in more than one issue.