

Subcategory
31100
Revision 1

ATTACHMENT A

Subcategory Summary Table

REFERENCE - ECP5132J-ECP5132C
 FREQUENCY - REQUEST
 P - 1555 - RNM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECP5)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 ALARA

PAGE - 1
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 <i>Rev. 7</i> SECTION/ISSUE
					2	BF	BL	SQ				
85-002-00101	OP	31105	N	DFN	1 Y	N	N	N		NSRS	DURING THE EXIT INTERVIEW THE CI GAVE THREE EXAMPLES WHERE MODIFICATIONS HAVE NOT BEEN PERFORMED TO AGREE WITH WINNING ALARA SUGGESTIONS. 1. MODIFY PIPING TO DRAIN TO A SUMP/DRAIN EXTERNAL TO AREA. 2. INSTALL SHIELDING BETWEEN FUEL POOL HEAT EXCHANGER AND DRICH PRECOAT AREA. 3. RELOCATE DRY WELL CONTROL AIR SUCTION FILTER BLOW DOWN VALVE TO OUTSIDE DRYWELL.	3.5 311.05-1
85-017-00101	OP	31103	N	DFN	1 Y	N	N	N		NSRS	DURING THE EXIT INTERVIEW THE CI STATED THAT HIS NAME WAS REMOVED FROM THE HP COMPUTERIZED EXPOSURE DATA BASE AND WAS LATER ADDED. HE IS CONCERNED THAT SOME OF HIS EXPOSURE DATA MAY HAVE BEEN OMITTED.	3.3 311.03-4
85-019-00201	OP	31104	N	DFN	1 Y	N	N	N		NSRS	DURING AN EXIT INTERVIEW THE CI STATED THAT HE HAD BEEN REQUIRED TO PASS THRU AIRBORNE CONTAMINATION AREAS (WHERE RESPIRATORS AND AIR PACKS WERE REQUIRED) WITHOUT WEARING RESPIRATORY EQUIPMENT. HE IS CONCERNED ABOUT EXPOSURE IN SUCH CASES.	3.4 311.04-2
85-020-00101	OP	31104	N	DFN	1 Y	N	N	N		NSRS	DURING THE EXIT INTERVIEW THE CI STATED THAT THERE IS AN EMPHASIS FOR CR AFTMEN TO REMAIN "IN THE HOLE" (IN RADIATION/CONTAMINATION AREAS) REGARDLESS OF THE HOLD STATUS. THIS IS NOT IN KEEPING WITH HP TRAINING TO MINIMIZE RADIATION EXPOSURE.	3.4 311.04-2
85-001-00101 150233	IM	60300	S	DFN	1 Y	N	N	N		QTC	THE FIRE HOSES USED TO CONTROL THE BROWNS FERRY FIRE 8-10 YEARS AGO WERE TAKEN OFF SITE BY AN EMPLOYEE (NAME KNOWN) FOR PERSONAL USE. THESE CONTAMINATED HOSES MAY STILL BE STORED IN THEIR CONTAINERS POSING A HEALTH HAZARD. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.	3.2 311.02-5
	02	OP	31102	S	DFN	1 Y	N	N	N			

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

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

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 RADIOACTIVE MATERIAL CONTROL

PAGE - 2
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

LEGEND: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S N R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 SECTION/ISSU REV 1	
					2	BF	BL	SQ					WB
X -85-091-00101 150192	OP	31102	N	MBN	1	N	N	N	Y	QTC	CI SAW A GROUP OF LABORERS PULLING A BARREL DOWN THE HALL IN THE MACHINE SHOP BLDG., ELEV 729', AND THE BARR EL WAS MARKED "CONTAMINATED MATERIAL ". THERE NEEDS TO BE A BETTER MEANS OF SAFEGUARD OR HEALTH PHYSICS PERSONNEL HANDLING SUCH MATERIAL. TIME OF OCCURRENCE HAS AROUND JULY OR AUGUST 1985. CI HAS NOT SEEN THIS TYPE OF INCIDENT HAPPEN SINCE. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION.	3.2 311.02-4	
X -85-091-00201 150192	OP	31102	N	MBN	1	N	N	N	Y	QTC	A PIECE OF METAL WAS IN A SPECIFIC BREAK AREA AND A HEALTH PHYSICS TECHNICIAN WAS CHECKING THE METAL AND SAID IT HAD A READING OF 200. IT LAID IN THE SHOP ABOUT 2 WEEKS WITHOUT ANY RESTRICTIONS, WARNINGS, OR CONTROL. INCIDENT OCCURRED IN SEPT. 1985. CONSTRUCTION DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. DETAILS KNOWN TO QTC AND WITHHELD TO MAINTAIN CONFIDENTIALITY.	3.2 311.02-3	
X -85-117-00301 150200	OP	31104	N	MBN	1	N	N	N	Y	QTC	SOME HEALTH PHYSICS TECHNICIANS HAVE EXTREMELY LONG HAIR. NUCLEAR POWER CONCERN. CI HAS NO ADDITIONAL INFORMATION. -GENERIC CONCERN-	3.4 311.04-3	
LA-85-001	01	OP	31106	N	SQN	1	Y	Y	Y	Y	DECP	PERSONNEL CAN LEAVE THE SITE WITHOUT A FINAL CHECK FOR CONTAMINATION.	3.6 311.06-1
-86-235-SQN	01	OP	31106	N	SQN	1	N	N	Y	N	NSRS	AN ANONYMOUS INDIVIDUAL MAILED IN A SAFETY CONCERN TO NSRS STATING THAT THE PROPER C-ZONE CLOTHING FOR ENTERING THE ROOMS AT THE CONDENSATE DEMINERALIZER WASTE EVAPORATOR BUILDING IS NOT READILY AVAILABLE. PREVIOUS ATTEMPTS TO PLACE STORAGE CABINETS STOCKED WITH C-ZONE CLOTHING IN THE AREA HAVE BEEN TURNED DOWN.	3.6 311.06-8

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

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

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 HP POLICY, PRACTICES AND MANAGEMENT CONTROL

PAGE - 3
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S M R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 REV. SECTION/ISSU						
					2	SAF	RELATED	BL					SQ	HD				
-86-238-SQN	01	OP	31104	N	SQN	1	N	N	Y	N	NSRS	AN ANONYMOUS INDIVIDUAL MAILED IN A SAFETY CONCERN TO NSRS REQUESTING THAT EMERGENCY PROCEDURES BE WRITTEN TO ENCOMPASS ALL ASPECTS OF POSSIBLE EMERGENCY SITUATIONS IN A C-ZONE. PROCEDURES SHOULD COVER SPECIFIC AREAS, SUCH AS: SPREAD OF CONTAMINATION, POSSIBILITY OF INJURY, POSSIBILITY OF A FIRE, POSSIBILITY OF POOR BREATHING ATMOSPHERE, ETC.	3.4 311.04-4					
-85-049-00201 150050	OP	31102	N	MDN	1	N	N	N	Y	2	NA	NA	NA	NO	QTC	RADIOACTIVE CONTAMINATED WATER FROM SEQUOYAH HAS BROUGHT TO WATTS BAR AND DUMPED ON THE GROUND BELOW THE WATTS BAR SCRAPYARD. (APPROX. 275,000 GALLONS OF RADIOACTIVE CONTAMINATED WATER) THIS TOOK PLACE APPROX. 5 YEARS AGO DURING 1980. AFTER CONTAMINATED WATER DRIED, THE SOIL HAS HAULED DOWN TO THE INTAKE PUMPING STATION WHERE IT WAS COMPACTED AND USED FOR THE INTAKE PUMPING STATION BASE. CI HAS NO FURTHER INFORMATION.	3.2 311.02-1	
-85-049-00401 150050	OP	31102	N	MDN	1	N	N	N	Y	2	NA	NA	NA	NO	QTC	OPERATOR (NAME NOT KNOWN) OF BULLDOZER WHICH PICKED UP THE RADIOACTIVE CONTAMINATED SOIL (REFERENCE CONCERN # IN-85-049-002) HAS NOT GIVEN ANY PROTECTIVE CLOTHING (ANTI-C'S) WHEN THE CONTAMINATED DIRT WAS LOADING ONTO DUMP TRUCKS AND HAULED DOWN TO THE INTAKE PUMPING STATION. THIS TOOK PLACE APPROX. 5 YEARS AGO DURING 1980. CI COULD NOT PROVIDE ANY ADDITIONAL INFORMATION.	3.2 311.02-1	
-85-092-00101 150001	OP	31106	N	MDN	1	N	N	N	Y	2	NA	NA	NA	NO	IN-85-092-001	QTC	POST ACCIDENT SAMPLE ROOM TOO SMALL. MEN CANNOT DRESSOUT IN THIS AREA.	3.6 311.06-7

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL 2 SAF RELATED DF BL SQ WB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 SECTION/ISSU
# -85-114-00101 T50024	OP	31107	N	HBN	1 N N N Y 2 NA NA NA SR		QTC	INADEQUATE PROVISIONS EXIST TO PROTECT PERSONNEL IN UNIT 2 FROM AIRBORNE PARTICLES AND LOCAL RADIATION SOURCES. PROTECTION IS LIMITED TO A CHAIN ANCHOR FENCE	3.7 311.07-1
# -85-126-00101 T50089	OP	31107	N	HBN	1 N N N Y 2 NA NA NA NO	IN-85-126-001	QTC	IMPACT OF WATTS BAR PLANT OPERATION ON SURROUNDING AREA AND EFFECT OF RADIATION TO PEOPLE IN SURROUNDING AREA. CI HAD NO FURTHER INFORMATION.	3.7 311.07-3
# -85-142-00201 T50087	OP	31106	N	HBN	1 N N N Y 2 NA NA NA NO	IN-85-142-002	QTC	SELF READING POCKET DOSIMETERS ARE COLLECTED IN A METAL BOX LOCATED ON ELEV. 708', ENTRY PORTAL IN TURBINE BUILDING BY THROWING DOSIMETERS IN BOX. THEY COULD BE KNOCKED OFF SCALE. NO ADDITIONAL INFORMATION AVAILABLE FROM CI.	3.6 311.06-3
# -85-219-00101 T50008	OP	31104	N	HBN	1 N N N Y 2 NA NA NA NO		QTC	QUESTIONS THE ADEQUACY OF RADIOLOGICAL CONTROLS AND DE-CONTAMINATION PROCEDURES IN VIEW OF THE AIRBORNE CONTAMINATION PROBLEMS WHICH OCCURRED AT SEQUOYAH. QUESTIONS THE ALLOWABLE RADIATION LEVELS CONSIDERED ACCEPTABLE	3.4 311.04-4
# -85-301-00601 T50177	OP	31103	N	HBN	1 N N N Y 2 NA NA NA NO	IN-85-301-006	QTC	WILL THE DAILY LIMITS OF ACCEPTABLE RADIATION EXPOSURE AT WATTS BAR BE THE SAME AS SEQUOYAH? CONST. DEPT. CONCERN. NO FOLLOW UP REQUIRED.	3.3 311.03-1
# -85-463-00901 T50036	OP	31107	N	HBN	1 N N N Y 2 NA NA NA NO		QTC	AIRBORNE RADIATION FROM UNIT #1 SIDE WILL AFFECT PERSONNEL ON UNIT #2 SIDE AS NO PROTECTION IS IN PLACE.	3.7 311.07-1
# -85-499-00201 T50031	OP	31107	N	HBN	1 N N N Y 2 NA NA NA NO		QTC	THERE IS NO MECHANISM IN PLACE TO DOCUMENT AIRBORNE EXPOSURE RECEIVED BY EMPLOYEES ON UNIT #2 CONSTRUCTION IN THE EVENT OF UNIT #1 AIRBORNE CONTAMINATION EMPLOYEES LEAVE BEFORE NAMES CAN BE RECORDED.	3.7 311.07-1

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT FLT LOC	1 REPORT APPL 2 SAF RELATED BF BL SQ WB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 REV. / SECTION/ISSU
N -85-499-00301 T50031	OP	31104	N	WBN	1 N N N Y 2 NA NA NA NO	IN-85-499-003	QTC	AUTHORITY IS NOT GIVEN TO ENFORCE HEALTH PHYSICS PROCEDURES FOR MONITORING RADIATION EXPOSURE IF THEY ARE INTENTIONALLY VIOLATED BY EMPLOYEES.	3.4 311.04-1
N -85-642-00201 T50062	OP	31104	N	WBN	1 N N N Y 2 NA NA NA NO	IN-85-642-002	QTC	EMPLOYEE TOLD TO SHAVE HIS BEARD OR BE SENT HOME. EMPLOYEE WORKING BEHIND SECURITY ON A VISITOR'S PASS AND HAD 3 DAYS LEFT BEFORE LEAVING THE SECURITY AREA. SAFETY OFFICER (LT.) VERIFIED TO THE SUPERVISOR THAT THE EMPLOYEE DID HAVE TO SHAVE HIS BEARD. EMPLOYEE TOOK VACATION TIME TO AVOID A CONFRONTATION WITH SUPERVISOR OVER THIS ISSUE. MAY 1985 (NAMES/DETAILS KNOWN TO QTC).	3.4 311.04-3
N -85-720-00201 T50099	OP	31102	N	WBN	1 N N N Y 2 NA NA NA SR		QTC	NUCLEAR WASTE FROM SEQUOYAH WAS DUMPED ON HATTS BAR SITE IN JULY 1984. DELINE TO BE CONTACTED FOR ADDITIONAL INFORMATION. FOLLOW UP NOT REQUIRED.	3.2 311.02-1
N -85-869-00101 T50155	OP	30108	S	WBN	1 N N Y Y 2 NA NA SR SR	IN-85-869-001	QTC	MANWAY DOOR AT THE BOTTOM STEAM GENERATOR TAKES APPROX. 20 MINUTES TO OPEN AND 3-4 HOURS TO CLOSE DUE TO A COMPLICATED PROCESS NECESSITATED BY POOR DESIGN. IF THE COMEALONG SLIPS, IT IS MOST LIKELY THAT PERSONNEL WOULD BE PINNED BETWEEN THE SIDING ARM AND HAND RAIL. THERE ARE 5 REMS/HOUR EXCAPING WHILE THIS DOOR IS OPEN. A WAY TO OPEN/CLOSE THIS DOOR MUST BE FOUND THAT WOULD TAKE ONLY 20 MINUTES TOTAL. CONSTR. DEPT. CONCERN. UNITS 1 AND 2. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.5 311.05-2
	02	OP	31105	S	WBN	1 N N Y Y 2 NA NA SR SR			
N -85-991-00201 T50100	OP	31103	N	WBN	1 N N N Y 2 NA NA NA NO	IN-85-991-002	QTC	EMPLOYEE DOES NOT UNDERSTAND HOW DOSIMETRY CARDS ARE TO BE MAINTAINED OUTSIDE THE WORK AREA WITHOUT BEING LOST OR DAMAGED. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.3 311.03-6

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C
 FREQUENCY - REQUEST
 HP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 EXPOSURE LIMITS AND RECORDS

PAGE - 6
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 <i>REV. 1</i> SECTION/ISSU
					2	SAF	RELATED	BF				
W -86-025-00101 T50109	OP	31103	N	WBN	1	N	N	N	Y	QTC	HEALTH PHYSICS HAS INITIATED A PROGRAM WHERE EACH INDIVIDUAL WILL KEEP TRACK OF HIS DOSIMETER READING BY USING CARDS FOR THE EMPLOYEES TO CARRY WHILE WORKING ON A JOB REQUIRING A PURCH. IF CARD IS LOST OR DAMAGED THE INDIVIDUAL HAS ONLY ONE OTHER MEANS OF DETERMINING RAD DOSE, BY TLD BADGE. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED.	3.3 311.03-6
W -86-044-00101 T50177	OP	31105	N	WBN	1	N	N	Y	Y	IN-86-044-001	PROCESS MONITORING INSTRUMENTATION (O-PI-77-197, O-PI-77-176, O-PI-77-34) IS LOCATED IN A HIGH RADIATION AREA. BECAUSE THESE INSTRUMENTS HAVE REQUIRED EXCESSIVE AMOUNTS OF TIME TO REPAIR AND RECALIBRATE, THE ALARA CONCEPT WOULD BE BETTER SERVED BY MOVING THE PANEL (O-L-14) TO A LOWER RADIATION AREA. ELEVATION 676 NUC. POWER CONCERN. UNIT. 1. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOW UP REQUIRED.	3.5 311.05-3
W -86-105-00101 T50119	OP	31106	N	WBN	1	N	N	N	Y	IN-86-105-001	TLD BADGE RACKS, LOCATED AT THE DOSIMETRY ISSUE BLDG., ARE UNDER THE MAIN STEAM LINES (708' ELEV. TURBINE BLDG., UNIT #1). IN THE EVENT OF A PRIMARY TO SECONDARY LEAK, THE BADGES IN THE RACK COULD PICK UP SIGNIFICANT DOSE. THERE SHOULD BE A BETTER LOCATION FOR THE TLD RACKS AND THE TLD ISSUE BUILDING. IF THE TLD ISSUE BUILDING HAD TO BE EVACUATED, TLD PROCESSING WOULD BE SUSPENDED BECAUSE THE TLD READERS FOR WBHP ARE IN THIS BUILDING. NUCLEAR POWER. CI HAS NO MORE INFORMATION.	3.6 311.06-9

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C
 FREQUENCY - REQUEST
 IP - ISSS - RWM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 RADIOACTIVE MATERIAL CONTROL

PAGE - 7
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 Rev. / SECTION/ISSUE	
					2	SAF	RELATED	BF					BL
IN-86-287-00101 T50178	IH	60400	S	WBN	1	N	N	N	Y	IN-86-287-001	QTC	WASTE WAS BROUGHT TO WBNP FROM SEQUOYAH BY TANK TRUCKS IN APRIL '84. CI IS CONCERNED ABOUT THE DUMPING PRACTICES AND AUTHORIZATION AND TYPE OF WASTE BEING DUMPED. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONSTRUCTION DEPT. CONCERN. CI HAS NO FURTHER INFORMATION.	3.2 311.02-1
	02	OP	31102	S	WBN	2	NA	NA	NA				
IN-86-001	01	OP	31102	N	SQN	1	N	N	Y	N	OECP	RADIOLOGICAL HYGIENE PROBLEM OF CONTAMINATED MATERIAL STORED IN LOCKERS AND CABINETS WHICH ARE NOT PROPERLY LABELED. MATERIAL STORED IN AUX. BUILDING.	3.2 311.02-3
IN-86-003	01	OP	31104	N	SQN	1	N	N	Y	N	OECP	PER TVA'S GET CLASS AND PLANT PROCEDURES, EMPLOYEES ARE TO FRISK AS SOON AS EXITING A "C-ZONE". CURRENTLY, AN EMPLOYEE HAS TO SEARCH FOR A FRISKER. IN THE PROCESS OF LOOKING FOR A FRISKER, AN EMPLOYEE CAN CONTAMINATE DOORS AND/OR THE FLOOR. ONE OF TVA'S OBJECTIVES IS TO KEEP DOWN CONTAMINATION, AND THE CURRENT PROCESS DOES NOT ADEQUATELY CONTROL THE SPREADING OF CONTAMINATION.	3.4 311.04-4
IN-85-001	01	OP	31104	N	SQN	1	N	N	Y	N	OECP	A HIGH RISK POSSIBILITY OF NOT SECURING ABSCE TYPE BREACHES. IF A VALID HIGH RADIATION CONDITION OCCURS IN THE AUX. BUILDING OR DURING AN ANNOUNCED EVACUATION OR EVACUATION ALARM SOUNDED MAY CAUSE PERSON TO LEAVE AUX. BUILDING PRIOR TO SEALING PENETRATION.	3.4 311.04-4
IN-85-002	01	OP	31106	N	SQN	1	Y	Y	Y	Y	OECP	NO PORTAL MONITOR EXISTS AT PLANT EXIT	3.6 311.06-2
IN-85-003	01	OP	31102	N	SQN	1	N	N	Y	N	OECP	GREEN TAG IS NO LONGER REQUIRED AT THE CLEAN TOOL ROOM	3.2 311.02-6

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

TEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 REV. 1 SECTION/ISSU	
					2	SAF	RELATED	BF					BL
QP-86-009-00101 T50273	OP	31104	N	SQN	1	N	N	Y	N	QTC	AN INCIDENT AT SEQUOYAH, WHICH RESULTED IN EMPLOYEES BEING RADIOACTIVELY CONTAMINATED, COULD HAVE BEEN PREVENTED, AND REFLECTS MANAGEMENT'S ATTITUDE TOWARD RADIATION SAFETY AND PERSONAL SAFETY OF THE EMPLOYEES. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. NO FURTHER INFORMATION MAY BE RELEASED. NUCLEAR POWER DEPARTMENT CONCERN.	3.4 311.04-2	
QP-86-009-00201 T50273	OP	31104	N	SQN	1	N	N	Y	N	QTC	THE TRANSFER OF RESPONSIBILITY FOR HEALTH PHYSICS FROM MUSCLE SHOALS TO SEQUOYAH PLACES THE INDIVIDUAL RESPONSIBLE FOR HEALTH PHYSICS IN A POSITION WHERE MUCH PRESSURE FROM PLANT MANAGEMENT CAN BE EXERTED, AND HAS CAUSED COMPROMISES OF PREVIOUSLY ESTABLISHED HEALTH PHYSICS POLICY REGARDING PERSONNEL ACCESS DURING UNIT OPERATION. NUCLEAR POWER DEPARTMENT CONCERN. CI HAS NO FURTHER INFORMATION.	3.4 311.04-6	
BN-0065	01	OP	31105	N	WBN	1	N	N	Y	Y	OECP	THE TIME REQUIRED TO CALIBRATE OR REPAIR 1-LT-77-125,126,410,411, WHICH ARE LOCATED IN THE RACEWAY ON UNIT 1 IS A POTENTIAL ALARA CONCERN	3.5 311.05-3
BN-0186	01	OP	31105	N	WBN	1	N	N	N	Y	OECP	BARRICADES SHOULD BE INSTALLED TO PREVENT UNRESTRICTED ACCESS INTO REGENTLY ROOM VIA CRANE HALL PENETRATIONS TO RCS LOOP PENETRATIONS INTO REACTOR WALL. THESE AREAS WILL BE HIGH RADIATION AREAS - POSSIBLY >1 R/HR AREAS.	3.5 311.05-4
BN-0291	01	OP	30105	S	WBN	1	N	N	N	Y	OECP	POTENTIAL "UPTAKE" OF RADIOACTIVE SUBSTANCES DUE TO SIMILAR FITTINGS BEING USED FOR AIR, WATER & CONTAMINATED DRAIN CONNECTION.	3.7 311.07-4
	02	OP	31107	S	WBN	1	N	N	N	Y			
						2	NA	NA	NA	SR			

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C
 FREQUENCY - REQUEST
 IIP - ISSS - RWM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (EPCS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 RADIOACTIVE EFFLUENTS/UNCONTROLLED AREAS

PAGE - 10
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

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	REF. SECTION CAT - OP SUBCAT - 311 REV. / SECTION/ISSU
BN-0292	01	OP 31107	N	WBN	1 N N N Y 2 NA NA NA SR		OECP	AIR QUALITY CHECKS SHOULD BE MORE REPRESENTATIVE. SHOULD CHECK 6 ALTERNATING LOCATIONS QUARTERLY.	3.7 311.07-2
BN-0294	01	OP 31105	N	WBN	1 N N N Y 2 NA NA NA SR		OECP	UNRESTRICTED ACCESS TO HIGH RADIATION AREAS (DURING OPERATION & OUTAGES) - RCS LEG PENETRATIONS FROM IPCW TO RX VESSEL - NEED TO PROVIDE BARRICADE RESTRICTING ACCESS.	3.5 311.05-4
BN-225	01	OP 30501	S	WBN	1 N N N Y 2 NA NA NA SR		OECP	NEED SCAFFOLDS BUILT TO GAIN ACCESS TO VALVES ON SIS ACCUMULATORS. THESE VALVES ARE DIFFICULT TO GET TO WHEN INDIVIDUAL IS DRESSED OUT. CI RECOMMENDS RELOCATING VALVES TO DECREASE SAFETY HAZARD AND REDUCE RADIATION EXPOSURE (ALARA)	3.5 311.05-5
	02	OP 31105	S	WBN	1 N N N Y 2 NA NA NA SR				
I -85-038-00101	OP	31104	N	WBN	1 N N Y Y 2 NA NA SR SR		QTC	WATTS BAR: THE PRACTICE OF PERSONS ENTERING THE LOWER CONTAINMENT AREA OF THE REACTOR CONTAINMENT FOR NON-EMERGENCY REPAIRS; WHILE THE REACTOR IS OPERATING, SHOULD BE RE-EVALUATED. RECENT STUDIES INDICATE THE BIOLOGICAL EFFECTS OF PERSONNEL EXPOSURE TO NEUTRON FLUX ARE MORE SERIOUS THAN PREVIOUSLY BELIEVED. THIS PRACTICE IS IN EFFECT AT SEQUOYAH AND RESULTED IN AN ACCIDENT AROUND 1983/1984 AND IS PLANNED TO BE IMPLEMENTED AT WATTS BAR.	3.4 311.04-6

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REGORY: OP PLANT OPER. SUPPORT

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	REF. SECTION CAT - OP SUBCAT - 311 <i>REV. 1</i> SECTION/ISSU
I -85-047-00201 T50118	OP	31103	N	WBN	1 N N N Y 2 NA NA NA NO		QTC	OTHER TVA NUCLEAR PLANTS USE A HEALTH PHYSICS SIGN IN/OUT SHEET FOR EVERYONE, WHICH HANGS AT THE ENTRANCE OF HOT (RADIOACTIVE) WORK AREAS. AT WBNP, THE WORKERS ARE PROVIDED WITH CARDS WHICH WILL ACCOMPLISH THE SAME TASK. THE CARDS HOWEVER, GET DROPPED, STAINED AND LOST BY BEING CARRIED BY THE EMPLOYEES. CI FEELS WBNP SHOULD USE THE EXISTING SYSTEM OF OTHER TVA PLANTS. CI HAS NO ADDITIONAL INFORMATION. NUC PWR CONCERN, UNIT #1	3.3 311.03-6
X -85-002-00101 T50003	OP	31103	N	BFN	1 Y N N N 2 NO NA NA NA	XX-85-002-001	QTC	PROCEDURES AT BROWN'S FERRY NOT BEING FOLLOWED BY MANAGEMENT. SPECIFICALLY, PROCEDURES - STANDARD PRACTICE 5.5 AND RCI-1 WHICH STATE "ALL EMPLOYEES WITHIN A SECTION RECEIVE APPROXIMATELY THE SAME EXPOSURE DOSE." WORKERS IN RADIOLOGICALLY CONTROLLED AREAS ARE NOT RECEIVING APPROXIMATE SAME DOSAGES. ONE WORKER HAS RECEIVED HIGH DOSAGE WITHIN SPECIFIED LIMITS WHILE OTHER WORKERS WITH THE SAME JOB TITLE HAVE RECEIVED NO DOSE.	3.3 311.03-5
X -85-005-00101	OP	31102	N	SQN	1 N N Y N 2 NA NA SR NA		QTC	SEQUOYAH PLANT; CONTAMINATED WATER DUMPED INTO RIVER (REF IN-85-049)	3.2 311.02-1
X -85-007-00101 T50086	OP	31103	N	SQN	1 N N Y Y 2 NA NA NO NO	XX-85-007-001	QTC	QUESTION DAILY LIMITS OF ACCEPTABLE RADIATION EXPOSURE AT SEQUOYAH AND WONDERS IF THEY WILL BE SAME HERE AT WATTS BAR? TVA DOES NOT HAVE DAILY DOSAGE LIMITS; IT HAS QUARTERLY AND YEARLY DOSAGE LIMITS. THERE WERE NUMEROUS CASES OF OVER EXPOSURE ABOUT 2-3 YEARS AGO. WHEN OVER-EXPOSED, EMPLOYEE WILL BE LAID OFF. THIS IS THE CORRECTIVE ACTION TVA USES FOR OVER-EXPOSURE AT SEQUOYAH. CI HAS NO FURTHER INFORMATION	3.3 311.03-1

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C
 FREQUENCY - REQUEST
 HP - ISSS - RWM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 HP POLICY, PRACTICES AND MANAGEMENT CONTROL

PAGE - 12
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 <i>REV. /</i> SECTION/ISSU
					2	SAF	RELATED	BF				
X -85-009-00201 T50193	IH	60200	S	SQN	1	N	N	Y	N	I-85-513-SQN	QTC	3.4 311.04-2
	02	OP	31104	S	SQN	2	NA	NA	NO			
					1	N	N	Y	N			
					2	NA	NA	SR	NA			
X -85-015-00101 T50078	OP	31104	N	SQN	1	N	N	Y	Y	XX-85-015-001	QTC	3.4 311.04-6
					2	NA	NA	SR	SR			
					1	N	N	Y	N			
					2	NA	NA	SR	NA			
X -85-024-00101 T50208	OP	31101	N	SQN	1	N	N	Y	N		QTC	3.1 311.01-1
					2	NA	NA	SR	NA			
					1	N	N	Y	N			
					2	NA	NA	SR	NA			

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C
 FREQUENCY - REQUEST
 HP - ISSS - RWM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 HP POLICY, PRACTICES AND MANAGEMENT CONTROL

PAGE - 13
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 REV. / SECTION/ISSUE		
					2	SAF	RELATED	BF					BL	SQ
X -85-025-00101 T50028	OP	31104	N	BLN	1	N	Y	N	N	XX-85-025-001	QTC	BELLEFONTE: INADEQUATE UPPER MANAGEMENT SUPPORT PROVIDED THE HEALTH PHYSICS DEPT. TO ENFORCE AN EFFECTIVE RADIOLOGICAL SAFETY PROGRAM. NO DISCIPLINARY ACTION IS TAKEN WHEN EMPLOYEES INTENTIONALLY BY-PASS MONITORS.	3.4 311.04-2	
X -85-026-00101 T50028	OP	31104	N	SQN	1	N	N	Y	N	XX-85-026-001	QTC	SEQUOYAH: INADEQUATE UPPER MANAGEMENT SUPPORT PROVIDED THE HEALTH PHYSICS DEPT. TO ENFORCE AN EFFECTIVE RADIOLOGICAL SAFETY PROGRAM. NO DISCIPLINARY ACTION IS TAKEN WHEN EMPLOYEES INTENTIONALLY BY-PASS MONITORS.	3.4 311.04-2	
X -85-028-X0201 T50148	IH	60300	S	SQN	1	N	N	Y	N	I-85-514-SQN	QTC	SEQUOYAH- RADIATION WORK PERMIT 02-2-00214 (SIGN-IN SHEET) CONTAINS FALSIFIED SIGNATURES. NO FOLLOWUP REQUIRED	3.4 311.04-7	
	02	OP		S	SQN	1	N	N	Y	N				
						2	NA	NA	NO	NA				
X -85-028-X0301 T50148	IH	60400	S	SQN	1	N	N	Y	N	I-85-514-SQN	QTC	SEQUOYAH- RADIATION WORK PERMITS ARE NOT BEING COMPLETED PER PROCEDURE REQUIREMENTS. RADIATION WORK PERMIT 02-2-00214 IS AN EXAMPLE. NO FOLLOWUP REQUIRED	3.4 311.04-7	
	02	OP		S	SQN	1	Y	Y	Y	Y				
						2	NO	NO	NO	NO				
X -85-028-00101 T50036	OP	31103	N	SQN	1	N	N	Y	N	XX-85-028-001	QTC	WHILE AT ANOTHER TVA FACILITY INDIVIDUAL WAS EXPOSED TO THE MAXIMUM AMOUNT OF RADIATION. RWP WAS ADJUSTED BY HEALTH PHYSICS TO REFLECT AN INCREASE IN RADIATION ALLOWANCE. (NAME AND DETAILS KNOWN BY QTC)	3.3 311.03-2	
						2	NA	NA	SR	NA				

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

TEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S H R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 <i>REV. 1</i> SECTION/ISSU
					2	SAF	BL	SQ				
X -85-036-00101 T50007	OP	31106	N	SQN	1	Y	Y	Y	Y	QTC	THIS CONCERN RELATES TO SEQUOYAH, BUT MAY NOW BE, OR MAY BECOME, A CONCERN AT WATTS BAR: WHOEVER ORDERS "C-ZONE" GLOVES (REUSEABLE GLOVES FOR PROTECTING WORKERS FROM PARTICULAR RADIATION SOURCES) DOES NOT ORDER ENOUGH SMALL SIZES. LARGE GLOVES MUST BE MADE TO FIT BY EXTENSIVE TAPE WRAPPING, BUT THEY STILL DON'T FIT. THIS IS AN OSHA TYPE SAFETY PROBLEM FOR PERSONS WHO MUST CLIMB OR WHO HANDLE CERTAIN TOOLS THAT REQUIRE A SURE GRIP. THIS IS A MUCH MORE SERIOUS/COMMON PROBLEM FOR THE WOMEN WHO	3.6 311.06-5
X -85-048-00301 T50073	OP	31103	N	SQN	1	N	N	Y	N	XX-85-048-003	AT SEQUOYAH, C/I WAS EXPOSED TO RADIATION DURING X-RAY OF PIPE WELD. SINCE NEITHER TLD'S NOR OTHER TYPES OF DOSIMETERS WERE REQUIRED TO BE WORN DURING THIS TIME PERIOD, 1978-EARLY 1979, C/I IS CONCERNED OVER DOSAGES C/I, OR ANY OTHER EMPLOYEES THERE MAY HAVE RECEIVED DURING RT OF PIPE WELDS. NO FOLLOW-UP REQUIRED.	3.3 311.03-3
X -85-052-00101 T50153	OP	30108	S	SQN	1	N	N	Y	Y	I-85-558-SQN	SEQUOYAH-MAINWAY DOOR AT THE BOTTOM OF STEAM GENERATOR TAKES APPROX. 20 MINUTES TO OPEN AND 3-4 HOURS TO CLOSE DUE TO COMPLICATED PROCESS NECESSITATED BY POOR DESIGN. IF A COMEALONG SLIPS, IT IS MOST LIKELY THAT PERSONNEL WOULD BE PINNED BETWEEN THE SWING-ARM AND HAND RAIL. THERE ARE 5 REMS/HOUR ESCAPING WHILE THIS DOOR IS OPEN. A WAY TO OPEN/CLOSE THIS DOOR MUST BE FOUND THAT WOULD TAKE ONLY 20 MINUTES TOTAL. UNITS 1 AND 2. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.5 311.05-2
	02	OP	31105	S	SQN	1	N	N	Y	Y		
					2	NA	NA	SR	SR			

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C
 FREQUENCY - REQUEST
 HP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 HP FACILITIES, CLOTHING & PROTECTIVE EQUIPMENT

PAGE - 15
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

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	REF. SECTION CAT - OP SUBCAT - 311 REV. / SECTION/ISSUE
X -85-055-00101 T50091	OP	31106	N	SQN	1 Y N Y Y 2 NO NA NO NO	IN-85-055-001	QTC	SELF READING POCKET DOSIMETERS ARE COLLECTED IN A METAL BOX AT THE ENTRY PORTAL IN THE TURBINE BUILDING. BY THROWING DOSIMETERS IN A BOX THEY COULD BE KNOCKED OFF SCALE.	3.6 311.06-3
X -85-063-00101 T50175	OP	31104	N	SQN	1 N N Y N 2 NA NA SR NA	I-85-513-SQN	QTC	SEQUOYAH OPERATORS AND HEALTH PHYSICIS: FAILURE TO KNOW AND VERIFY THE CONTENTS OF SYSTEM. EXAMPLE: HEALTH PHYSICS GAVE GO AHEAD TO OPEN A LINE IN TURBINE BUILDING, UNIT 2, SAYING EVERYTHING WAS O.K. AND CLEAN. AFTER OPENING THE LINE, THE NEXT NIGHT, THE ENTIRE AREA WAS ROPED OFF FOR CONTAMINATION. THIS OCCURRED IN JAN/FEB 84. C/I HAS NO FURTHER INFORMATION. NUC. POWER CONCERN.	3.4 311.04-8
X -85-066-00101 T50134	OP	31104	N	SQN	1 N N Y N 2 NA NA SR NA	XX-85-066-001	QTC	SEQUOYAH - 3 YEARS AGO, HEALTH PHYSICIS AT SEQUOYAH WAS NOTIFIED OF HIGHER THAN EXPECTED RADIATION LEVELS IN THE REACTOR BUILDING. WHEN NOTIFIED BY TELEPHONE, HP PERSONNEL SPECULATED ON THE REASONS FOR THE HIGH RADIATION LEVEL, AND DID NOT RESPOND IMMEDIATELY TO INVESTIGATE. CI FEELS THAT WASTING TIME SPECULATING ON CAUSE AND NOT RESPONDING IMMEDIATELY IS A CONCERN FOR SAFETY. NUCLEAR POWER DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOW UP REQUIRED	3.4 311.04-5
X -85-084-00101 T50181	OP	31104	N	SQN	1 N N Y N 2 NA NA SR NA	I-85-806-SQN	QTC	QUESTIONABLE PRACTICES BY HEALTH PHYSICIS @ SEQUOYAH IN 1982 LEAD TO POSSIBLE OVER EXPOSURE. H.P. WOULD RESPOND TO RADIATION ALARMS AND UNPLUG UNITS. DETAILS KNOWN TO QTC, WITHHELD DUE TO CONFIDENTIALITY. CONST. DEPT. CONCERN. C/I HAS NO FURTHER INFORMATION.	3.4 311.04-5

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REFERENCE - ECPS132J-ECPS132C
 FREQUENCY - REQUEST
 HP - ISSS - RHM

TENNESSEE VALLEY AUTHORITY
 OFFICE OF NUCLEAR POWER
 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
 EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
 SUBCATEGORY: 311 HP POLICY, PRACTICES AND MANAGEMENT CONTROL

PAGE - 16
 RUN TIME - 13:36:39
 RUN DATE - 04/24/87

CATEGORY: OP PLANT OPER. SUPPORT

CONCERN NUMBER	CAT	SUB CAT	S R D	PLT LOC	1 REPORT APPL				HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - OP SUBCAT - 311 Rev. / SECTION/ISSUE
					2	SAF	BL	SQ				
X -85-098-00201 T50152	OP	31104	N	SQN	1 N	N	Y	N	I-85-615-SQN	QTC	SEQUOYAH - RADIATION AREAS ARE NOT MONITORED OFTEN ENOUGH. NUCLEAR POWER CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOWUP REQUIRED.	3.4 311.04-4
X -85-101-00301 T50162	OP	31102	N	SQN	1 N	Y	Y	Y	I-85-543-SQN	QTC	SEQUOYAH- 1980, THERE WAS AN UNKNOWN QUANTITY OF RADIOACTIVE WATER SPILLED INTO THE UNCONTROLLED DRAIN SYSTEM DUE TO A VALVE ON A WATER SAMPLING STATION IN THE TURBINE BUILDING BEING LEFT OPEN. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.2 211.02-2
X -85-101-00401 T50162	OP	31106	N	SQN	1 Y	N	Y	Y	I-85-652-SQN	QTC	SEQUOYAH- CI EXPRESSED THAT INSUFFICIENT ATTENTION TO DETAIL IS GIVEN IN REGARDS TO MINIMIZING RADIATION EXPOSURE. DUE TO THE POLICY OF REFUSING OUTER GLOVES IN RADIATION AREAS, CI HAS OBSERVED USED GLOVES, AVAILABLE FOR REUSE, WHICH WERE CONTAMINATED TO A LEVEL 5 TIMES THAT OF THE AREA IN WHICH THE EMPLOYEE WAS WORKING. CONSTRUCTION DEPT CONCERN. CI HAS NO FURTHER INFORMATION. NO FOLLOWUP REQUIRED.	3.6 311.06-6
X -85-102-00901 T50172	OP	31101	N	BFN	1 Y	N	Y	Y		QTC	BROWN'S FERRY; THE PERMANENT PLANT HEALTH PHYSICS PEOPLE ARE POORLY TRAINED. CI DOES NOT FEEL THE PRESENT HP STAFF HAS AN ADEQUATE KNOWLEDGE OF WORKING IN RADIATED AREAS. NUCLEAR POWER DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOWUP REQUIRED.	3.1 311.01-1
X -85-102-01201 T50172	OP	31101	N	SQN	1 N	N	Y	N	I-85-734-SQN	QTC	SEQUOYAH: THE PERMANENT PLANT HEALTH PHYSICS PERSONNEL ARE POORLY TRAINED. CI DOES NOT FEEL THE PRESENT HP STAFF HAS AN ADEQUATE KNOWLEDGE OF WORKING IN RADIATED AREAS. NUCLEAR POWER DEPT. CONCERN. CI HAS NO ADDITIONAL INFORMATION. NO FOLLOWUP REQUIRED.	3.1 311.01-1

72 CONCERNS FOR CATEGORY OP SUBCATEGORY 311

ATTACHMENT B

HEALTH PHYSICS

Listing of Concerns by Element/Issue

The Health Physics Subcategory (31100) is comprised of 72 concerns grouped into 7 elements addressing a total of 42 issues.

Element 311.01 - Health Physics Staff Training

Issue 311.01-1 - HP Personnel Lack an Adequate Working Knowledge

XX-85-024-001
XX-85-102-009
XX-85-102-012

Element 311.02 - Radioactive Material Control

Issue 311.02-1 - Improper Dumping of Contaminated Material

IN-85-049-002
IN-85-049-004
IN-85-720-002
IN-86-287-001
00-85-005-011
XX-85-005-001

Issue 311.02-2 - Radioactive Spill Into Uncontrolled Drain System

XX-85-101-003

Issue 311.02-3 - Radioactive Material in Uncontrolled Area

EX-85-091-002
JAM-86-001

Issue 311.02-4 - Safeguarding Contaminated Material

EX-85-091-001

Issue 311.02-5 - Contaminated Fire Hoses

BFP-85-001-001

Issue 311.02-6 - Green Tag Requirement

MRS-85-003

ATTACHMENT B (continued)

Element 311.03 - Exposure Limits and Records

Issue 311.03-1 - Daily Radiation Exposure Limits

IN-85-301-006
XX-85-007-001

Issue 311.03-2 - Changing Exposure Allowances on RWPs

XX-85-028-001

Issue 311.03-3 - Exposure During Radiographic Operations

XX-85-048-003

Issue 311.03-4 - Omission of Exposure Data

BFN-85-017-001

Issue 311.03-5 - Workers Not Receiving Similar Exposures

XX-85-002-001

Issue 311.03-6 - Use of Dosimetry Cards

IN-85-991-002
IN-86-025-001
WI-85-047-002

Element 311.04 - HP Policy, Practices, and Management Control

Issue 311.04-1 - Authority to Enforce HP Procedures

IN-85-499-003

Issue 311.04-2 - Management's Attitude Toward Radiological Control

SQP-86-009-001
XX-85-025-001
XX-85-026-001
XX-85-009-002
BFN-85-019-002
BFN-85-020-001

Issue 311.04-3 - Policy on Hair Length and Beards

EX-85-117-003
IN-85-642-002

ATTACHMENT B (continued)

Issue 311.04-4 - Radiological Controls, Surveys, Decontamination, and
Emergency Procedures

XX-85-098-002
IN-85-219-001
I-86-238-SQN
JLH-86-003
JMA-85-001

Issue 311.04-5 - HP Response to Radiation/Contamination Alarms

XX-85-084-001
XX-85-066-001

Issue 311.04-6 - Lower Containment Entries

WI-85-038-001
XX-85-015-001
SQP-86-009-002

Issue 311.04-7 - Improperly Completed RWP Timesheets

XX-85-028-X02
XX-85-028-X03

Issue 311.04-8 - Inadequate Knowledge of System Contents

XX-85-063-001

Issue 311.04-9 - Adequacy of SQN HP Program (Miscellaneous)

RII-85-A-0064

Element 311.05 - ALARA

Issue 311.05-1 - Winning ALARA Suggestions Not Implemented

BFN-85-002-001

Issue 311.05-2 - Hazards Associated With Manway Doors

IN-85-869-001
XX-85-052-001

Issue 311.05-3 - Time Required to Repair/Recalibrate Instrumentation

IN-86-044-001
WBN-0065

ATTACHMENT B (continued)

Issue 311.05-4 - Unrestricted Access to High Radiation Areas

WBN-0186
WBN-0294

Issue 311.05-5 - Safety Hazards Associated With Access to Valve

WBN-225

Issue 311.05-6 - ALARA Program

Not Applicable

Element 311.06 - HP Facilities, Clothing, and Protective Equipment

Issue 311.06-1 - Leave Site Without Monitoring

HLA-85-001

Issue 311.06-2 - Lack of Portal Monitors at Plant Exits

MRS-85-002

Issue 311.06-3 - Method of Collecting Self-Reading Dosimeters

IN-85-142-002
XX-85-055-001

Issue 311.06-4 - Use of Face Masks

SQN-85-001-001

Issue 311.06-5 - Unavailability of Small-Sized Gloves

XX-85-036-001

Issue 311.06-6 - Reuse of Outer Gloves

XX-85-101-004

Issue 311.06-7 - Post Accident Sampling Room

IN-85-092-001

Issue 311.06-8 - Unavailability of C-zone Clothing

I-86-235-SQN

ATTACHMENT B (continued)

Issue 311.06-9 - Location of TLD Badge Racks

IN-86-105-001

Issue 311.06-10 - Unrepaired C-zone Clothing

MRS-85-004

Element 311.07 - Radioactive Effluents/Uncontrolled Areas

Issue 311.07-1 - Inadequate Provisions and Documentation to Protect Personnel
From Radiation Between Units

IN-85-114-001

IN-85-463-009

IN-85-499-002

Issue 311.07-2 - Unrepresentative Air Quality Checks

WBN-0292

Issue 311.07-3 - Impact on Environment/Public

IN-85-126-001

Issue 311.07-4 - Uptake of Radioactive Substances Due to Similar Fittings

WBN-0291

ATTACHMENT C

Checklist for Root Cause Analysis

1. Procedure lacks specifics to perform task.
2. Personnel lack sufficient training in the applicability/use of procedure.
3. Lack of understanding regulatory requirements or commitments.
4. Lack of adequate system, process, or administrative controls to ensure commitments are reflected in procedures or processes.
5. Inadequate communication within functional group.
6. Inadequate communication between functional groups.
7. Management Assumed Risk.
8. Procedures incomplete or failed to incorporate all technical requirements.
9. Error in judgment by qualified individuals.
10. Unqualified individuals performing the task.
11. Insufficient time to perform task.
12. Inadequate prerequisites defined to ensure satisfactory completion of task.
13. Personnel performed task knowingly in violation of procedure/process.
14. Personnel error in following procedures.
15. Failed to identify root cause of previous deficiencies.
16. Failed to take appropriate action to preclude reoccurrence.
17. Inadequate process to detect adverse trends.
18. Inadequate acceptance criteria defined to ensure satisfactory task completion.
19. Management attentiveness to trends.
20. Lack of accessibility to documentation.
21. Inadequate controls for review of results to ensure compliance with commitments.
22. Timeliness of changes to commitments or changes to licensing/regulatory requirements.
23. Isolated incident.
24. Random error.
25. Other - i.e., equipment related failure.

ATTACHMENT D

SUMMARY OF SYMPTOMS AND ROOT CAUSES

Sections 3, 4, and 5 discussed the specific findings for each of the element evaluations and provided a collective significance and root causes for those findings. This attachment presents the independent review and analysis done on the specific element-level findings to identify overall root causes at the subcategory level as presented in Section 5.0.

For Element 311.01, Health Physics Staff Training, the potential for negative findings at the subcategory level was exhibited by the following symptom - procedural noncompliance. The symptom appeared in the evaluations for WBN and BFN. As this symptom was tested for root causes, the appropriate root causes and applicable plant sites were judged to be as follows:

- a) Inadequate communication between functional groups (POTC and site, POTC and Office Training Committee) (WBN,BFN)
- b) Error in judgement by qualified individuals (not submitting training evaluations to Office Training Committee) (WBN, BFN)
- c) Inadequate prerequisites defined to ensure satisfactory completion of task (WBN,BFN)

These root causes and symptoms are also associated with the other TVA sites due to the involvement of the POTC and Office Training Committee.

For Element 311.03, Exposure Limits and Records, there was a potential for a negative finding at the subcategory level exhibited by the following symptom--inadequate management accountability (RWP timesheet records). This symptom was identified for SQN. As this symptom was tested for root causes, the appropriate root causes and applicable plant sites were judged to be as follows:

- a) Personnel performed task knowingly in violation of procedure/process (SQN)
- b) Failed to take appropriate action to preclude recurrences (SQN)
- c) Inadequate controls for review of results to ensure compliance with commitments (SQN)

ATTACHMENT D, (Cont'd.)

For Element 311.05, ALARA, there were potential negative findings at the subcategory level exhibited by the following symptoms: (a) inadequate initial design (ALARA consideration), (b) QA audits to Reg. Guide 8.8 at SQN, and (c) failure to comply with commitments (ALARA time commitments). The first symptom was identified for WBN, and the last two were identified for SQN. As these symptoms were tested for root causes, the appropriate root causes and applicable plant sites were judged to be as follows:

- a) Lack of understanding regulatory requirements or commitments (WBN)
- b) Procedures incomplete or failed to incorporate all technical requirements (WBN and SQN)
- c) Inadequate acceptance criteria defined to ensure satisfactory task completion (no quantitative acceptance criteria; no design checklist item for ALARA) (WBN)
- d) Insufficient time to perform task (SQN)
- e) Inadequate controls for review of results to ensure compliance with commitments (SQN)
- f) Error in judgment by qualified individual (audits) (SQN)
- g) Inadequate prerequisites defined to ensure satisfactory completion of task (QA audit task) (SQN)
- h) Lack of accessibility to documentation (what is committed to and how it is implemented) (SQN)

For Element 311.07, Radioactive Effluents/Uncontrolled Areas, the potential for negative findings at the subcategory level was exhibited by the following symptom - inadequate design control. The symptom appeared only in the evaluations for WBN. As this symptom was tested for root causes, the appropriate root causes were judged to be as follows:

- a) Procedures incomplete or failed to incorporate all technical requirements (WBN)
- b) Inadequate acceptance criteria defined to ensure satisfactory task completion (WBN)

No analyses for root cause were required in the remaining elements of the subcategory because no symptoms of problems were readily apparent.

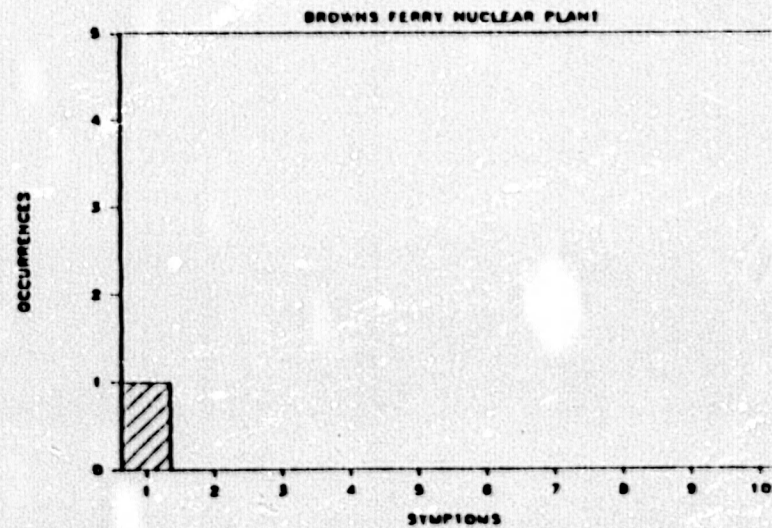
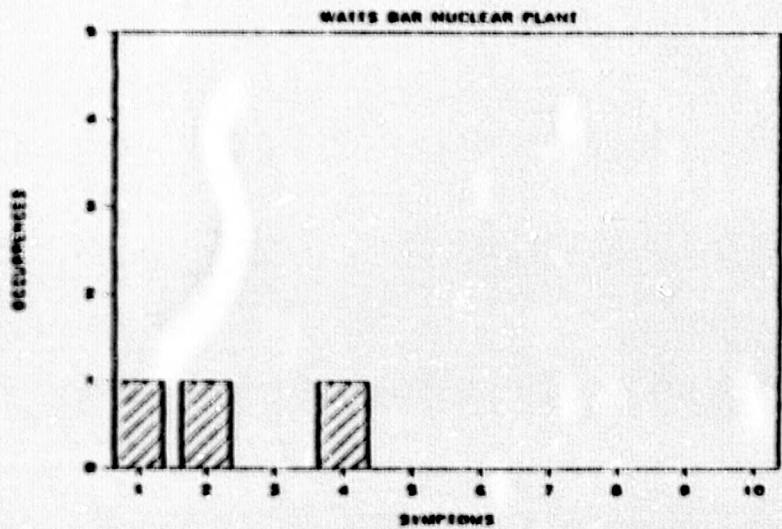
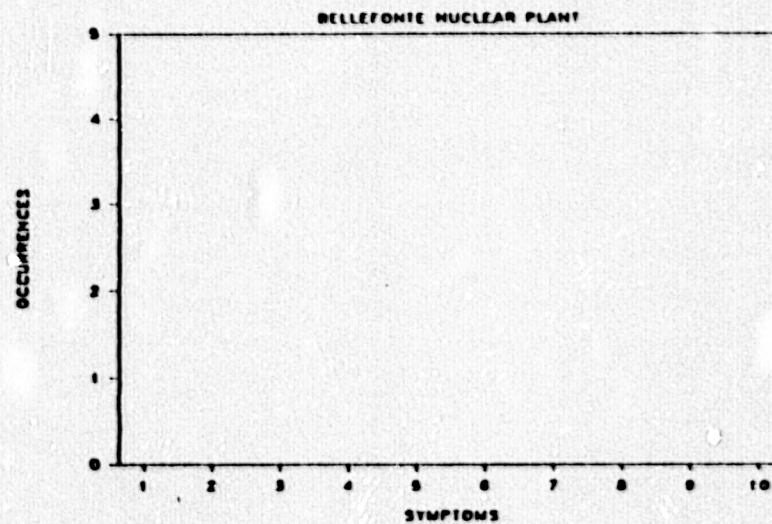
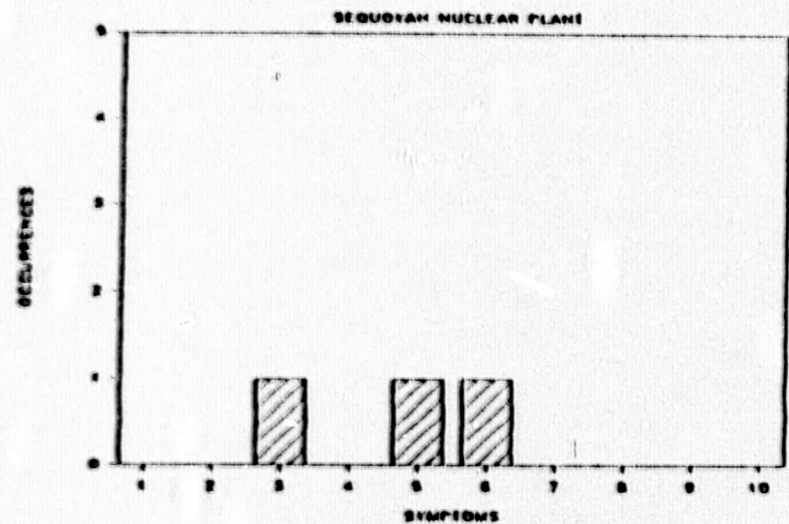
ATTACHMENT D, (Cont'd.)

The analysis of the symptoms and root causes of the subcategory is depicted graphically in Attachments E, F, and G. Attachment E is a plot of each element's symptoms versus the root cause pointed out by the symptom. Root cause numbers on the horizontal axis correspond to the 25 items on the "Checklist for Root Cause Analysis" found in Attachment C. Attachment F contains bar graphs showing the number of times each of the symptoms identified for the subcategory occurs for the various plants. Symptoms as listed in attachment E. Attachment G contains bar graphs showing the number of times each root cause appears in the subcategory for the various plants.

Several observations can be made in studying these attachments. It can be seen in Attachments E and F that WBN and BFN share one symptom dealing with procedural noncompliance. Two symptoms were found specifically for WBN--inadequate initial design with respect to ALARA considerations and inadequate design control dealing with breathing air manifold hookups. Three symptoms were identified for SQN: inadequate management accountability with RWP timesheet records, QA audits to Reg. Guide 8.2, and failure to comply with commitments in regard to meeting ALARA time requirements. In Attachments E and G, there were three root causes that occurred at WBN, SQN, and BFN: (a) procedures incomplete or failed to incorporate all technical requirements, (b) error in judgment by qualified individual, and (c) inadequate prerequisites defined to ensure satisfactory completion of task.

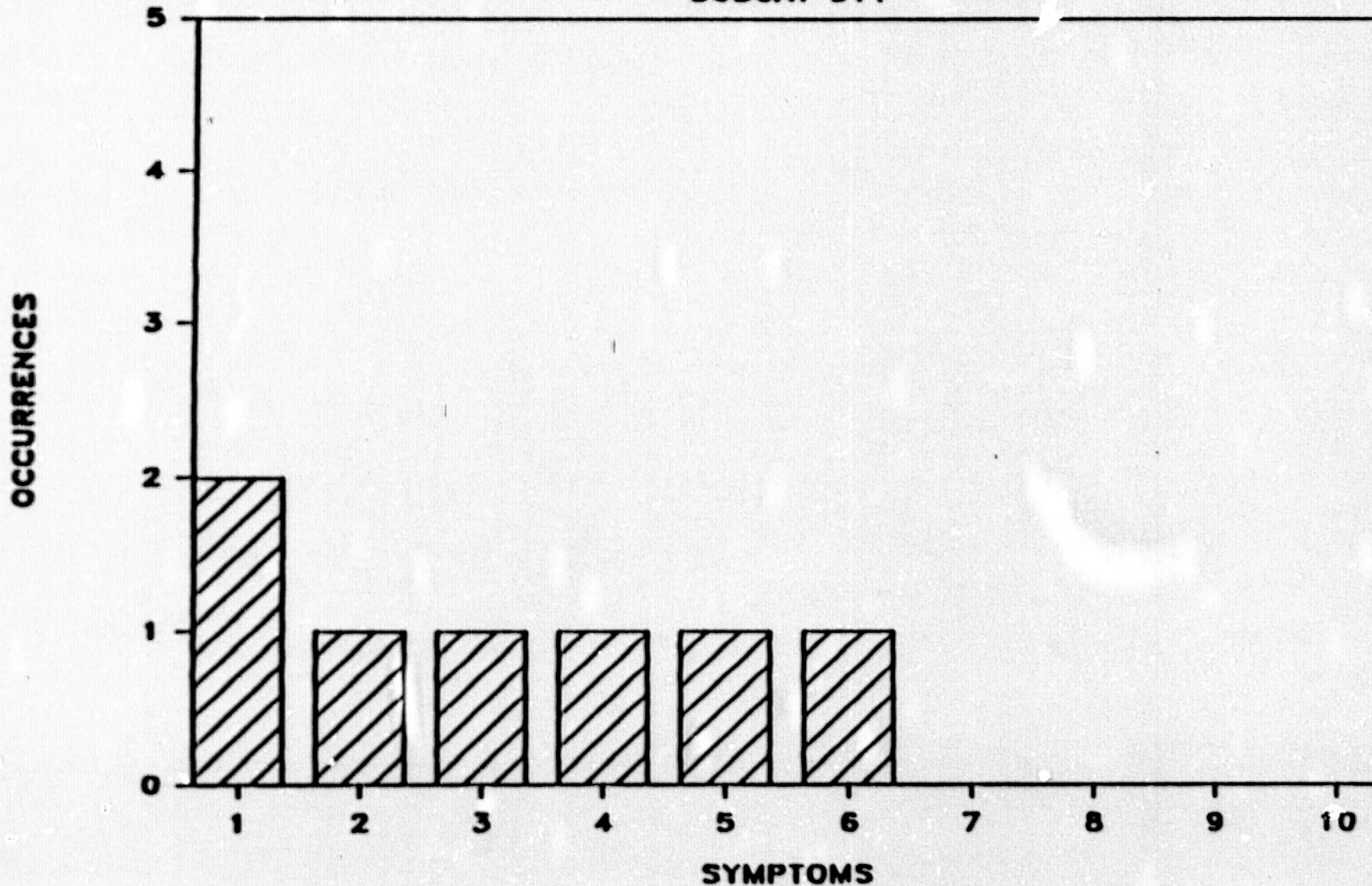
OCCURRENCES VS. SYMPTOMS

SUBCAT 311



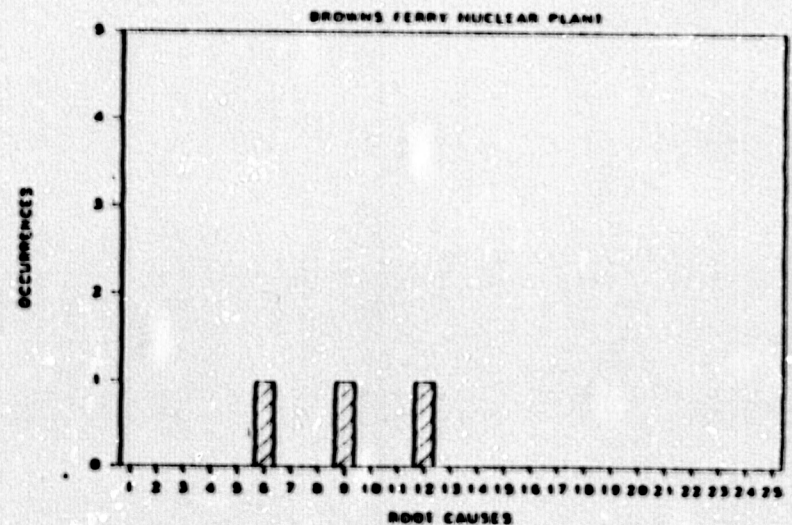
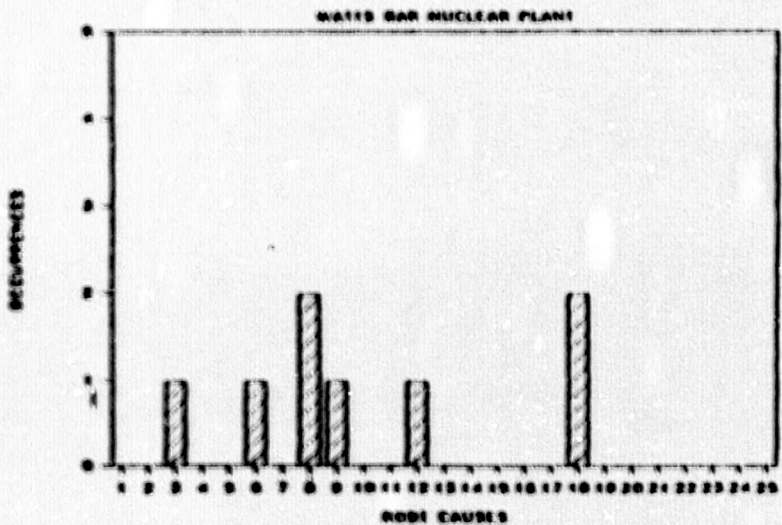
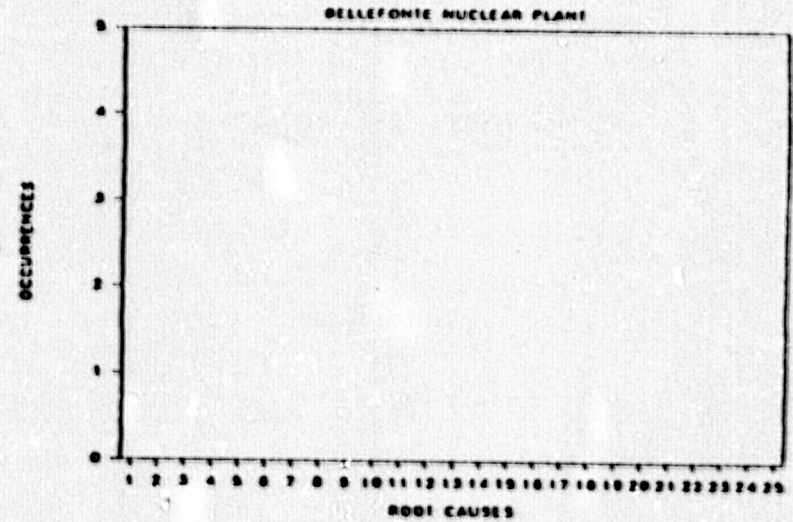
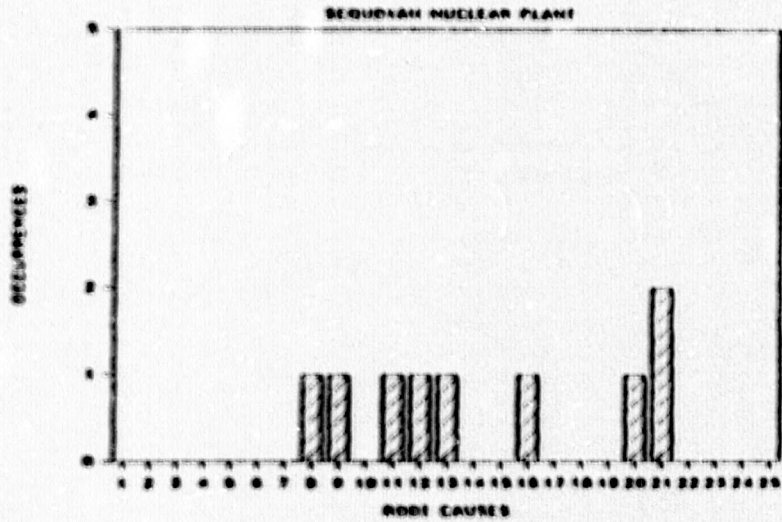
OCCURRENCES VS. SYMPTOMS

SUBCAT 311



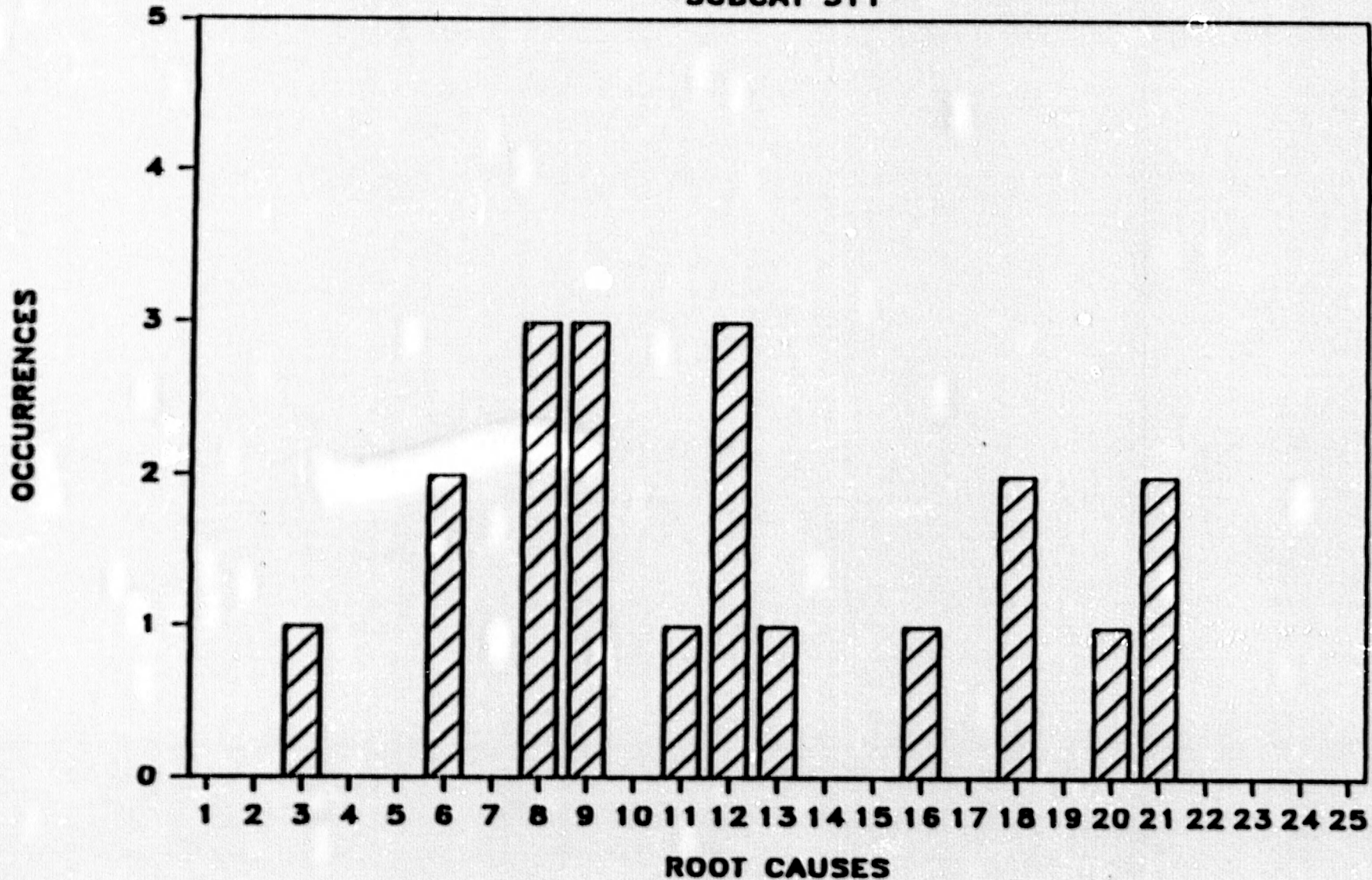
OCCURRENCES VS. ROOT CAUSES

SUBCAT 311



OCCURRENCES VS. ROOT CAUSES

SUBCAT 311



ATTACHMENT H

CORRECTIVE ACTION TRACKING DOCUMENTS (CATDs)

<u>CATD Number</u>	<u>Corrective Action Plan Received/Approved</u>
31100-WBN-01	Yes
31101-WBN-01	Yes
31101-SQN-01	Yes
31101-NPS-01	Yes
31103-SQN-01	Yes
31104-SQN-01	Yes
31105-WLN-01	Yes
31105-WBN-02	Yes
31105-WBN-03	Yes
31105-WEN-04	Yes
31105-WBN-05	Yes
31105-WBN-06	Yes
31105-SQN-01	Yes
31105-SQN-02	Yes
31105-SQN-03	Yes
31105-SQN-04	Yes
31105-BFN-01	Yes
31105-BFN-02	Yes
31106-SQN-01	Yes
31107-WBN-01	Yes

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION Applicable ECSP Report No: 311.01-SQN-Revision 2

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. 31101-SQN-01 4. INITIATION DATE 10-31-86
5. RESPONSIBLE ORGANIZATION: POTC
6. PROBLEM DESCRIPTION: QR NQR Deficiencies were identified
in the resolution of supervisor feedback questionnaires. The
resolution did not address the in-plant phase of training or impact
to retraining requirements.
7. PREPARED BY: NAME M. W. Murphy ATTACHMENTS DATE: 10-31-86
8. CONCURRENCE: CEG-H Thomas F. Hunt DATE: 10/31/86
9. APPROVAL: ECTG PROGRAM MGR. M. W. Murphy DATE: _____

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: SEE CAP TRANSMITTED
BY MEMORANDUM 553 86120 802
11. PROPOSED BY: DIRECTOR/MGR: V.G. Rankin ATTACHMENTS DATE: 11-21-86
12. CONCURRENCE: CEG-H: Thomas F. Hunt for whl DATE: 12/12/86
SEP: _____ DATE: _____
DATE: _____
DATE: _____
DATE: _____
ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE TITLE DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION

Applicable ECSP Report No.: 311.03-RFK

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. 31101-NPS-01
4. INITIATION DATE November 24, 1986
5. RESPONSIBLE ORGANIZATION: POIC
6. PROBLEM DESCRIPTION: QR NQR A comparison of the requirements of E&T TSIL-3 and 6 to PMP 0202.12 revealed no deficiencies. However, in the review of the implementation of the above requirements, it was found that personnel hired as fully qualified by ANSI-18.1 bypass the basic phase of training, and this bypass is not reviewed or approved by the Office Training Committee as required by PMP 0202.12

- | | | <input checked="" type="checkbox"/> ATTACHMENTS |
|----|--|---|
| 7. | PREPARED BY: NAME <u>Mike Murphy</u> | DATE: <u>11-25-86</u> |
| 8. | CONCURRENCE: CEG-E <u>Thomas J. Hunt for WRL</u> | DATE: <u>1-16-87</u> |
| 9. | APPROVAL: ECTG PROGRAM MGR. <u>DW Edwards</u> | DATE: <u>1-27-87</u> |

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN:

SEE ATTACHED MEMO
FOR CAP

Verbal concurrence with T. Bush in meeting with D. Warren 3-11-87

- | | | <input type="checkbox"/> ATTACHMENTS |
|-----|---|--------------------------------------|
| 11. | PROPOSED BY: DIRECTOR/ANG: <u>[Signature]</u> | DATE: <u>3-12-87</u> |
| 12. | CONCURRENCE: CEG-H: <u>[Signature]</u> | DATE: <u>3-12-87</u> |
| | SEP: _____ | DATE: _____ |
| | _____ | DATE: _____ |
| | _____ | DATE: _____ |
| | _____ | DATE: _____ |
| | ECTG PROGRAM MGR: _____ | DATE: _____ |

VERIFICATION AND CLOSEOUT

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

SIGNATURE TITLE DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION

Applicable ECSP Report No: 311.05-WBN

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. OP 31105-WBN-02
4. INITIATION DATE 01-22-87
5. RESPONSIBLE ORGANIZATION: ALARA/HP Section Superintendent - *WBA*
6. PROBLEM DESCRIPTION: QR NQR
Panel O-L-14 will be moved from a potentially high radiation area to the outside corridor panel O-L-316, an area of low radiation. Please provide the current status and the schedule and tracking document for implementing this corrective action.

ATTACHMENTS

7. PREPARED BY: NAME J. M. Richards DATE: 01-22-87
8. CONCURRENCE: CEG-H *Wk - Thomas J. H. E. J. WRL* DATE: 2/3/87
9. APPROVAL: ECTG PROGRAM MGR. *W. Stewart* DATE: 2/4/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: _____

ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR: *W. Stewart* DATE: 2/4/87
12. CONCURRENCE: CEG-H: *D.P. [unclear]* DATE: 2-20-87
SRP: _____ DATE: _____
_____ DATE: _____
_____ DATE: _____
ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE

TITLE

DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION

Applicable ECSP Report No: 311.05-WBN

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. OP 31105-WBN-03 4. INITIATION DATE 01-22-87
5. RESPONSIBLE ORGANIZATION: Modifications Engineer Supv. Section B
6. PROBLEM DESCRIPTION: QR NQR
This CATD was initiated to track the closure of ECN 6005, which
will provide newer, more reliable equipment in order to reduce
man-hours and radiation exposure during calibration or maintenance.

ATTACHMENTS

7. PREPARED BY: NAME J. M. Richards DATE: 01-22-87
8. CONCURRENCE: CEG-H JM J. Thomas & Huth DATE: 2/3/87
9. APPROVAL: ECTG PROGRAM MGR. _____ DATE: _____

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: Closure of ECN 6005 will
adequately address the concern in ECSP Report Number 311.05-WBN.

ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR. TRACKING ONLY DATE: 2/3/87
12. CONCURRENCE: CEG-H: J. Thomas & Huth DATE: 2/3/87
SRP: _____ DATE: _____
_____ DATE: _____
_____ DATE: _____
ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE

TITLE

DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION

Applicable ECSP Report No: 311.05-WBN

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. OP 31105-WBN-05 4. INITIATION DATE 01-22-87
5. RESPONSIBLE ORGANIZATION: DNE, Knoxville
6. PROBLEM DESCRIPTION: QR NQR
A new interfacing of SIS accumulator instrumentation being designed by Westinghouse will reduce safety hazards, save man-hours, and reduce exposure as described in WB-DCR 633. This CATD was initiated to track the closure of DCR 633.

ATTACHMENTS

7. PREPARED BY: NAME J. M. Richards DATE: 01-22-87
8. CONCURRENCE: CEG-H THM Thomas F. Huth DATE: 2/3/87
9. APPROVAL: ECTG PROGRAM MGR. _____ DATE: _____

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: Closure of DCR 633 will adequately address the concern in ECSP Report Number 311.05-WBN.

ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR: TRACKING ONLY DATE: 2/3/87
12. CONCURRENCE: CEG-H: Thomas F. Huth DATE: 2/3/87
SRP: _____ DATE: _____
_____ DATE: _____
_____ DATE: _____
ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE

TITLE

DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION

Applicable ECSP Report No: 311.05 SQM

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. 31105 SQM 01 4. INITIATION DATE 10-17-86
5. RESPONSIBLE ORGANIZATION: Health Physics - SPH
6. PROBLEM DESCRIPTION: QR NQR Based on NQA&E Branch Report QSS-A-86-0022-DO2, the ALARA suggestion program is not being implemented in accordance with Standard Practice SQA-145. The RPP and the referenced Standard Practice require that incentives and encouragement for employees to participate in the suggestion program be provided. NRC reports also indicated weaknesses in the employees suggestion program (50-327/86-04, 50-328/86-04, 50-328/86-36, and 50-328/86-36).
7. PREPARED BY: NAME Brenda R. Southerland DATE: 10-17-86
8. CONCURRENCE: CEG-H W.P. [Signature] DATE: 10-21-86
9. APPROVAL: ECTG PROGRAM MGR. [Signature] DATE: 10-23-86

ATTACHMENTS

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: SEG MEMORANDUM
SIO 861117 842 / S03 861128 810

JFK
12/14/86

ATTACHMENTS

11. PROPOSED BY: -DIRECTOR/MGR: [Signature] DATE: 11-20-86
12. CONCURRENCE: CEG-R: [Signature] DATE: 12/14/86
- SRP: _____ DATE: _____
- _____ DATE: _____
- _____ DATE: _____
- ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE TITLE DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION

Applicable ECSP Report No: 311.05 SQN

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. 31105 SQN 02
4. INITIATION DATE 10-17-86
5. RESPONSIBLE ORGANIZATION: Health Physics - SQN
6. PROBLEM DESCRIPTION: QR NQR Based on NQA&E Branch Report QSS-A-86-0022-D03, the annual ALARA reports are not submitted, as required by the RPB within 90 days to the Manager of Nuclear Power. SQN was late in providing reports in 1983, 1984, and 1985.

ATTACHMENTS

7. PREPARED BY: NAME Brenda R. Southerland DATE: 10-17-86
8. CONCURRENCE: CEG-H W.R. [Signature] DATE: 10-21-86
9. APPROVAL: ECTG PROGRAM MGR. [Signature] DATE: 10-23-86

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM
510 861117 842 / 503 861128 810

174
144

ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR: H. B. [Signature] DATE: 11-2-86
12. CONCURRENCE: CEG-H: Thomas F. [Signature] DATE: 12/4/86
- SRP: _____ DATE: _____
- _____ DATE: _____
- _____ DATE: _____
- _____ DATE: _____
- ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE TITLE DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION Applicable ECSP Report No: 311.05 SQN

- 1. Immediate Corrective Action Required: Yes No
- 2. Stop Work Recommended: Yes No
- 3. CATD No. 31105 SQN 03 4. INITIATION DATE 10-17-86
- 5. RESPONSIBLE ORGANIZATION: Health Physics - SQN
- 6. PROBLEM DESCRIPTION: QR NQR Based on NQA&E Report
QSS-A-86-0022-DO4, the ALARA program preplanning report requirements
do not adequately address Regulation Guide 8.8 requirements for
decontamination auxiliary lighting pre-job briefing, and post-job
review. NRC reports also indicates weakness in the SQN ALARA
committee reviews of pre and post job assessments.
(Reports 50-327/86-04, 50-328/86-04, 50-327/86-36, and 50-328/86-36)

- ATTACHMENTS
- 7. PREPARED BY: NAME Brenda R. Southerland DATE: 10-17-86
- 8. CONCURRENCE: CEG-H W.R. Lang DATE: 10-21-86
- 9. APPROVAL: ECTG PROGRAM MGR. MURKOFF DATE: 10-23-86

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM
510 861117 842 / 603 861128 510

JFH
12/4/86

- ATTACHMENTS
- 11. PROPOSED BY: DIRECTOR/MGR: H.B. Rankin DATE: 11-28-86
- 12. CONCURRENCE: CEG-H: Thomas F. Hunter for WBL DATE: 12/4/86
- SRP: _____ DATE: _____
- _____ DATE: _____
- _____ DATE: _____
- ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE TITLE DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION Applicable ECSP Report No: 311.05 SQM

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. 31105 SQM 04 4. INITIATION DATE 10-17-86
5. RESPONSIBLE ORGANIZATION: Health Physics - SQM
6. PROBLEM DESCRIPTION: QR NQR Based on the NQA&E Branch Report QSS-A-86-0022-DO5, radiological safety-related activities documentation is not maintained in accordance with American Nuclear Insurer (ANI) requirements. SQM procedures state that RWP's with no air data and all ALARA reports have a one year retention period. This is contrary to ANI requirements which require lifetime retention of radiological safety-related documentation. NQA&E interprets the RWP's with no air data and ALARA reports as radiological safety-related documents. ATTACHMENTS
7. PREPARED BY: NAME Brenda R. Southerland DATE: 10-17-86
8. CONCURRENCE: CEG-H W.R. King DATE: 10-21-86
9. APPROVAL: ECTG PROGRAM MGR. MURKIN DATE: 10-23-86

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM
510 861117 842 / 503 561128 510

11. PROPOSED BY: DIRECTOR/MGR: H. B. Rankin / Jr ATTACHMENTS DATE: 11-28-86
12. CONCURRENCE: CEG-H: Thomas F. Riddle DATE: 12/4/86
- SEP: _____ DATE: _____
- _____ DATE: _____
- _____ DATE: _____
- _____ DATE: _____
- ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE TITLE DATE

ECSP Corrective
Action Tracking Document
(CAID)

INITIATION

Applicable ECSP Report No: 311.05-BFN

- 1. Immediate Corrective Action Required: Yes No
 - 2. Stop Work Recommended: Yes No
 - 3. CAID No. 31105-BFN-001 4. INITIATION DATE 10-24-86
 - 5. RESPONSIBLE ORGANIZATION: Health Physics - ALARA
 - 6. PROBLEM DESCRIPTION: QR NQR A winning ALARA suggestion became a long-term open item with no action taken. No formalized ALARA suggestion tracking system was in place to identify the status of this suggestion in a timely fashion. The ALARA Department should investigate implementing an official formalized ALARA suggestion tracking program. This program should provide a method of ensuring the proper evaluations and analysis of the suggestions are conducted.
- | | |
|---|---|
| | <input checked="" type="checkbox"/> ATTACHMENTS |
| 7. PREPARED BY: NAME <u>Mark Zachary</u> | DATE: <u>10-08-86</u> |
| 8. CONCURRENCE: <u>CEG-H HS W. K. Young</u> | DATE: <u>10-21-86</u> |
| 9. APPROVAL: ECTG PROGRAM MGR. <u>M. V. [Signature]</u> | DATE: <u>11-5-86</u> |

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: A computerized tracking system has been developed to identify the status of each ALARA suggestion. However, procedure development and personnel training will be completed by the end of January 1987. Existing ALARA suggestion information will be loaded into the program by the end of March 1987. The new ALARA suggestion tracking system will be fully operational by April 1, 1987. RIMS R33 861204 830

- | | |
|---|--------------------------------------|
| | <input type="checkbox"/> ATTACHMENTS |
| 11. PROPOSED BY: DIRECTOR/MGR: <u>R33 861204 830</u> | DATE: <u>12/15/86</u> |
| 12. CONCURRENCE: CEG-H: <u>Thomas F. Hulth for W.K.</u> | DATE: <u>2/7/87</u> |
| SRP: _____ | DATE: _____ |
| _____ | DATE: _____ |
| _____ | DATE: _____ |
| ECTG PROGRAM MGR: _____ | DATE: _____ |

VERIFICATION AND CLOSEOUT

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

SIGNATURE

TITLE

DATE

ECSP Corrective
Action Tracking Document
(CATD)

INITIATION

Applicable ECSP Report No: 311.05-BFN

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. 11205-BFN-002
4. INITIATION DATE 10/24/86
5. RESPONSIBLE ORGANIZATION: Electrical Maintenance
6. PROBLEM DESCRIPTION: QM NCR The Electrical Maintenance Department did not respond to four written ALARA transmittals and their correspondence logs show no record of receiving the transmittals. The Electrical Maintenance Department should review their process of receiving and acknowledging incoming correspondences to preclude further incidents of the type addressed in this report.
7. PREPARED BY: NAME Mark Zebary ATTACHMENTS
8. CONCURRENCE: CEG-H W.R. [Signature] DATE: 10-28-86
9. APPROVAL: ECTG PROGRAM MGR. [Signature] DATE: 10-29-86
DATE: 11-5-86

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN:
 1. Elec Tech Section responded to the one ALARA suggestion identified as requiring a response.
 2. Elec Tech Section has already implemented a tracking system for items requiring response. Items requiring response are given an assignment number, assignment date, due date, and description (which includes references). This information along with initials of the responsible engineer are entered into computer program tracking log. A printout is generated each month. The printout is reviewed and updated throughout the month by the section supervisor.
11. PROPOSED BY: See Attachment DATE: 12/17/86 ATTACHMENTS
12. CONCURRENCE: DIRECTOR/MGR: [Signature] DATE: 4-6-87
CEG-H: [Signature] DATE: _____
SRP: _____ DATE: _____
ECTG PROGRAM MGR: _____ DATE: _____

VERIFICATION AND CLOSEOUT

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

SIGNATURE

TITLE

DATE

DEC 17 1986

CORRECTIVE ACTION (cont.)

10. PROPOSED CORRECTIVE ACTION PLAN:
 3. Refer to memorandum from T. F. Ziegler to A. W. Sorrell dated November 24, 1986, "Browns Ferry Nuclear Plant - ALARA Suggestion for Relocating Drywell Control Air Filter Blowdown Valve - CATD No. 31105-BFN-002" (R39 861124 892)

ECSP Corrective
Action Tracking Document
(CATD)

JFM 11/26/86

INITIATION

Applicable ECSP Report No: 311.06-SQN Rev 1

1. Immediate Corrective Action Required: Yes No
2. Stop Work Recommended: Yes No
3. CATD No. 31106-SQN-001
4. INITIATION DATE 10-17-86
5. RESPONSIBLE ORGANIZATION: Health Physics - SQN
6. PROBLEM DESCRIPTION: QR NQR SQN Plant should evaluate a means to reduce the number of damaged C-Zone clothing articles issued for reuse. Large numbers of unrepaired coveralls found in the inspection performed by a ECTG evaluator indicated that the plant is not devoting enough attention to ensure its proper maintenance and serviceability.
7. PREPARED BY: NAME Brenda Southerland DATE: 10-17-86
8. CONCURRENCE: CEG-H W.R. Young DATE: 10-21-86
9. APPROVAL: ECTG PROGRAM MGR. MUKULOFF DATE: 10-23-86

ATTACHMENTS

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: SEE MEMO 553 261107 436 AND ASSOCIATED CAP
11. PROPOSED BY: DIRECTOR/MGR: [Signature] DATE: 11/15/86
12. CONCURRENCE: CEG-H: W.R. Young DATE: 11/19/86
SRP: _____ DATE: _____
_____ DATE: _____
_____ DATE: _____
ECTG PROGRAM MGR: _____ DATE: _____

ATTACHMENTS

VERIFICATION AND CLOSEOUT

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

SIGNATURE

TITLE

DATE

ATTACHMENT I

List of Evaluators by Element/Plant

Element 311.01

WBN

M. W. Murphy

SQN

D. L. Lovett
E. Minga

BFN

M. W. Murphy

BLN

N/A

Element 311.02

WBN

D. C. Hall

SQN

W. R. Strodl
B. R. Southerland
D. C. Hall

BFN

E. Minga

BLN

E. Minga

Element 311.03

WBN

J. M. Richards

SQN

D. C. Hall

BFN

E. Minga

BLN

N/A

Element 311.04

WBN

B. R. Southerland

SQN

D. C. Hall
B. R. Southerland
T. L. Reese
R. L. Huskin
W. R. Strodl
D. L. Lovett

BFN

W. R. Strodl
J. M. Richards

BLN

E. Minga

Element 311.05

WBN

J. M. Richards

SQN

D. L. Lovett

D. C. Hall

B. R. Southerland

BFN

M. Zachary

BLN

N/A

Element 311.06

WBN

E. Minga

B. R. Southerland

SQN

D. C. Hall

BFN

M. Zachary

E. Minga

BLN

E. Minga

Element 311.07

WBN

J. M. Richards

SQN

N/A

BFN

N/A

BLN

N/A

R1

Element 311.05

WBN
J. M. Richards

SON
D. L. Lovett
D. C. Hall
B. R. Southerland

BFN
M. Zachary

BLN
N/A

Element 311.06

WBN
E. Minga
B. R. Southerland

SON
D. C. Hall

BFN
M. Zachary
E. Minga

BLN
E. Minga

Element 311.07

WBN
J. M. Richards

SON
N/A

BFN
N/A

BLN
N/A

R1