Subcategory 31100 Revision 1

# ATTACHMENT A

Subcategory Summary Table

| FERENCE - ECPSI32J-ECPSI32C<br>EQUENCY - REQUEST<br>P - 1555 - RHM<br>EGORY: OP PLANT OPER. SUPPORT | OFFICE OF NUCLEAR POWER RU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | GE - 1<br>IN TIME - 13:36:39<br>IN DATE - 04/24/87 |
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| ONCERN NUMBER CAT CAT D LOG                                                                         | 1 REPORT APPL<br>2 SAF RELATED HISTORICAL CONCERN<br>BF BL SQ HB REPORT ORIGIN CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | REF. SECTION 1<br>CAT - OP<br>SUBCAL - 311         |
| 3-85-002-00101 OP 31105 N BF                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DNS 3.5<br>WI 311.05-1<br>TO<br>ING<br>AN<br>DRY   |
| N-85-017-00101 OP 31103 N BF                                                                        | I Y N N N N NSRS DURING THE EXIT INTERVIEW THE CI S<br>Z SR NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M T 311.03-4<br>CER                                |
| N-85-019-00201 OP 31104 N BF                                                                        | I Y N N N<br>2 SR NA NA NA<br>NSRS<br>DURING AN EXIT INTERVIEW THE CI ST<br>ED THAT HE HAD BEEN REQUIRED TO PS<br>THRU.AIRBORNE CONTAMINATION AREAS<br>HHERE RESPIRATORS AND AIR PACKS HE<br>REQUIRED) WITHOUT MEARING RESPIRA<br>RY EQUIPMENT. HE IS CONCERNED ABO<br>EXPOSURE IN SUCH CASES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ASS 311.04-2<br>S (<br>ERE<br>ATO                  |
| N-85-020-00101 OP 31104 N BF                                                                        | I Y N N N<br>2 SR NA NA NA<br>2 SR NA NA NA<br>NA NA<br>NA NA<br>NA<br>2 SR NA NA NA<br>2 | CR 311.04-2<br>N R<br>ARD<br>NO                    |
| P-85-001-00101 IN 60300 S BF<br>150233<br>02 OP 31102 S BF                                          | 2 NO NA NA NA ROHNS FERRY FIRE 8-10 YEARS AGO HI<br>TAKEN OFF SITE BY AN EMPLOYEE (NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ERE 311.02-5<br>AME CON<br>ED<br>TH                |

| TERENCE - ECPSI32J-ECPSI32C<br>EQUENCY - REQUEST<br>UP - 1555 - RHM<br>TEGORY: OP PLANT OPER. SUPPORT |     |            |       | TENNESSEE<br>OFFICE OF<br>Employee concern<br>Employee concern informa<br>Subcategory, 311 RADI | (ECPS) RUN D                | PAGE - 2<br>RUN TIME - 13:36:39<br>RUN DATE - 04/24/87                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
|-------------------------------------------------------------------------------------------------------|-----|------------|-------|-------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| DONCERN NUMBER                                                                                        | CAT | SUB<br>CAT | S PLT | 1 REPORT APPL<br>2 SAF RELATED HISTOR<br>BF BL SQ HB REP                                        | ICAL CONCERN<br>PORT ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                              | REF. SECTION<br>CAT - OP<br>SUBCAT - 311<br>REAT<br>SECTION/15SU |
| * 159192                                                                                              | or  | 31102      | N WBN | 1 M NA NA YO                                                                                    | erc                         | CI SAW A GROUP OF LABORERS PULLING A<br>BARREL DOWN THE HALL IN THE MACHINE<br>SHOP BLDG., ELEV 729', AND THE BARR<br>EL MAS MARKED "CONTAMINATED MATERIAL<br>". THERE NEEDS TO BE A BETTER MEANS<br>OF SAFEGUARD OR HEALTH PHYSICS PERS<br>ONNEL HANDLING SUCH MATERIAL. TIME<br>OF OCCURRENCE HAS AROUND JULY OR AUG<br>UST 1985. CI HAS NOT SEEN THIS TYPE<br>OF INCIDENT HAPPEN SINCE. CONSTRUC<br>TION DEPT. CONCERN. CI HAS NO ADDIT<br>IONAL INFORMATION. | 3.2<br>311.02-4                                                  |
| * -85-091-00201<br>150192                                                                             | OP  | 31102      | N MBN | 1 NA NA NA NO                                                                                   | erc                         | A PIECE OF METAL WAS IN A SPECIFIC B<br>REAK AREA AND A HEALTH PHYSICS TECHN<br>ICIAN WAS CHECKING THE METAL AND SAI<br>D IT WAD A READING OF 200. IT LAID<br>IN THE SHOP ABOUT 2 WEEKS WITHOUT AN<br>Y RESTRICTIONS, WARNINGS, OR CONTRGL<br>. INCIDENT OCCURRED IN SEPT. 1985.<br>CONSTRUCTION DEPT. CONCERN. CI WAS<br>NO ADDITIONAL INFORMATION. DETAILS<br>KNOWN TO GIC AND WITHHELD TO MAINTA<br>IN CONFIDENTIALITY.                                       | 3.2<br>311.02-3                                                  |
| X -85-117-00301<br>150200                                                                             | oP  | 31104      | N MBN | 1 N N N Y<br>2 NA NA NA NO                                                                      | QTC                         | SOME HEALTH PHYSICS TECHNICIANS HAVE<br>Extremely long hair. Nuclear Poher<br>Concern. CI has no additional info<br>RmationGeneric Concern-                                                                                                                                                                                                                                                                                                                      | 3.4<br>311.04-3                                                  |
| LA-85-001 01                                                                                          | or  | 31106      | N SQN | 1 Y Y Y Y<br>2 NO NO NO NO                                                                      | DECP                        | PERSONNEL CAN LEAVE THE SITE WITHOUT<br>A FINAL CHECK FOR CONTAMINATION.                                                                                                                                                                                                                                                                                                                                                                                         | 3.6<br>.311.06-1                                                 |
| -86-235-5QN 01                                                                                        | OF  | 31106      | N SQN | ł Na Na No Na                                                                                   | NSRS                        | AN ANONYMOUS INDIVIDUAL MAILED IN A<br>SAFETY CONCERN TO NSRS STATING THAT<br>THE PROPER C-ZONE CLOTHING FOR ENTER<br>ING THE ROOMS AT THE CONDENSATE DEMI<br>NERALIZER MASTE EVAPORATOR BUILDING<br>IS NOT READILY AVAILABLE. PREVIOUS<br>ATTEMPTS TO PLACE SOTRAGE CABINETS S<br>TOCKED MITH C-ZONE CLOTHING IN THE A<br>REA MAVE BEEN TURNED DOWN.                                                                                                            | 3.6<br>311.06-8                                                  |

| EFERENCE - ECPSI32J-ECPSI32C<br>REQUENCY - REQUEST<br>SP - 1555 - RWM<br>TEGORY: OF PLANT OPER. SUPPORT | TENNESSEE VALLEY AUTHORITY<br>OFFICE OF NUCLEAR POWER<br>Employee concern program system (<br>Employee concern information by category/<br>Subcategory, S11 HP Policy, practices | ECPS)<br>SUBCATEGORY<br>AND MANAGEMENT CONTROL                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| CONCERN NUMBER CAT CAT D LOC                                                                            | 1 REPORT APPL<br>2 SAF RELATED HISTORICAL CONCERN<br>BF BL SQ HB REPORT ORIGIN                                                                                                   | CONCERN DESCRIPTION SUBCAT - 311                                                                                                                                                                                                                                                                                                                                                                                                                                |
| -86-238-5QN 01 OP 31104 N SQN                                                                           | Z NA NA SK NA A<br>O<br>E<br>R<br>S<br>S                                                                                                                                         | AFETY CONCERN TO NSRS REQUESTING TH<br>AFETY CONCERN TO NSRS REQUESTING TH<br>T EMERGENCY PROCEDURES BE WRITTEN T<br>ENCOMPASS ALL ASPECTS OF POSSIBLE<br>MERGENCY SITUATIONS IN A C-ZONE. P<br>OCEDURES SHOULD COVER SPECIFIC AREA<br>, SUCH AS: SPREAD OF CONTAMINATION<br>POSSIBILITY OF INJURY, POSSIBILITY<br>OF A FIRE, POSSIBILITY OF POOR BREA<br>HING ATMUSPHERE, ETC.                                                                                 |
| N -85-049-00201 OP 31102 N HBN<br>150050                                                                | Z NA NA NA NU D<br>D<br>T<br>G<br>W<br>R<br>T<br>T                                                                                                                               | ADIOACTIVE CONTAMINATED MATEX FROM<br>EQUOYAH MAS BROUGHT TO WATTS BAR AN<br>DUMPED ON THE GROUND BELOW THE MAT<br>S BAR SCRAPYARD. (APPROX. 275,000<br>ALLONS OF RADIOACTIVE CONTAMINATED<br>ATER) THIS TOOK PLACE APPROX. 5 YEA<br>S AGO DURING 1980. AFTER CONTAMINA<br>ED WATER DRIED, THE SOIL WAS HAULED<br>DOWN TO THE INTAKE PUMPING STATION<br>HERE IT HAS COMPACTED AND USED FOR<br>HE INTAKE PUMPING STATION BASE. CI<br>HAS NO FURTHER INFORMATION. |
| N -85-049-00401 OP 31102 N MBN<br>150050                                                                | Z NA NA NU E<br>O<br>R<br>H<br>O<br>O<br>P                                                                                                                                       | PERATOR (NAME NOT KNOWN) OF BULLDOZ 3.2<br>R WHICH PICKED UP THE RADIOACTIVE C 311.02-1<br>IN-85-049-002) WAS NOT GIVEN ANY P<br>OTECTIVE CLOTHING (ANTI-C'S) WHEN T<br>E CONTAMINATED DIRT WAS LOADING ONT<br>DUMP TRUCKS AND HAULED DOWN TO THE<br>INTAKE PUMPING STATION. THIS TOOK<br>LACE APPROX. 5 YEARS AGO DURING 198<br>. CI COULD NOT PROVIDE ANY ADDITIO<br>AL INFORMATION.                                                                          |
| N -85-092-00101 OP 31106 N HBN<br>150001                                                                | 1 N N N Y IN-85-092-001 QTC P                                                                                                                                                    | OST ACCIDENT SAMPLE ROOM TO SMALL. 3.6<br>MEN CANNOT DRESSOUT IN THIS AREA. 311.06-7                                                                                                                                                                                                                                                                                                                                                                            |

| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NIP - 1555 - RHM<br>NILGORY: OP PLANT OPER. SUPPORT | TENNESSEE VALLEY AUTHORITY<br>OFFICE OF NUCLEAR POWER<br>EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)<br>EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY<br>SUBCATEGORY: 311 RADIOACTIVE EFFLUENTS/UNCONTROLLED AREAS |                                                                                                                                                                                                                                                 |  |  |  |
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| CONCERN NUMBER CAT CAT D LOC                                                                              | 1 REPORT APPL<br>2 SAF RELATED HISTORICAL CONCERN<br>BF BL SQ HB REPORT ORIGIN                                                                                                                                       | CONCERN DESCRIPTION SUBCAT - 311                                                                                                                                                                                                                |  |  |  |
| # -85-114-00101 OP 31107 N WBN<br>T50024                                                                  | 1 N N N Y QTC<br>2 NA NA NA SR                                                                                                                                                                                       | INADEQUATE PROVISIONS EXIST TO PROTE<br>CT PERSONNEL IN UNIT 2 FROM AIRBORNE<br>PARTICLES AND LOCAL RADIATION SOURC<br>ES. PROTECTION IS LIMITED TO A CHAI<br>N ANCHOR FENCE                                                                    |  |  |  |
| N -85-126-03101 OP 31107 N HBN<br>T50089                                                                  | 1 N N N Y 1N-85-126-001 QTC<br>2 NA NA NA NO                                                                                                                                                                         | IMPACT OF WATTS BAR PLANT OPERATION 3.7<br>ON SURROUNDING AREA AND EFFECT OF RA 3.7<br>DIATION TO PEOPLE IN SURROUNDING ARE 311.07-3<br>A. CI HAD NO FURTHER INFORMATION.                                                                       |  |  |  |
| N -85-142-00201 OP 31106 N WBN<br>T50087                                                                  | 1 N N N Y IN-85-142-002 QTC<br>2 NA NA NA NO                                                                                                                                                                         | SELF READING POCKET DOSIMETERS ARE C 3.6<br>OLLECTED IN A METAL BOX LOCATED ON E 311.06-3<br>UILDING NY THROWING DOSIMETERS IN BO<br>X. THEY COULD BE KNOCKED OFF SCALE.<br>NO ADDITIONAL INFORMATION AVAILABL<br>E FROM C1.                    |  |  |  |
| " -85-219-00101 OP 31104 N HBN<br>T50008                                                                  | 1 H H H Y QTC                                                                                                                                                                                                        | QUESTIONS THE ADEQUACY OF RADIOLOGIC<br>AL CONTRULS AND DE-CONTAMINATION PRO<br>CEDURES IN VIEW OF THE AIRBORNE CONT<br>AMINATION PROBLEMS WHICH OCCURRED AT<br>SEQUOYAN. QUESTIONS THE ALLOWABLE<br>RADIATION LEVELS CONSIDERED ACCEPTAB<br>LE |  |  |  |
| N -85-301-00601 OP 31103 N WBN<br>T50177                                                                  | 1 N N N Y IN-85-301-006 QTC<br>2 NA NA NA NO                                                                                                                                                                         | WILL THE DAILY LIMITS OF ACCEPTABLE 3.3<br>RADIATION EXPOSURE AT WATTS BAR BE T 311.03-1<br>HE SAME AS SEQUOYAH? CONST. DEPT. C<br>ONCERN. NO FOLLOW UP REQUIRED.                                                                               |  |  |  |
| N -85-463-00901 OP 31107 N WBN<br>T50036                                                                  | 1 N N N Y QTC<br>2 NA NA NA NO                                                                                                                                                                                       | AIRBORNF RADIATION FROM UNIT #1 SIDE 3.7<br>HILL AFFECT PERSONNEL ON UNIT #2 SI<br>DE AS NO PROTECTION IS IN PLACE. 311.07-1                                                                                                                    |  |  |  |
| Ч -85-499-00201 OP 31107 N WBN<br>T50031                                                                  | 1 N N N Y<br>2 NA NA NA NO QTC                                                                                                                                                                                       | THERE IS NO MECHANISM IN PLACE TO DO<br>CUMENT AIRBORNE EXPOSURE RECEIVED BY<br>EMPLOYEES ON UNIT #2 CONSTRUCTION I<br>N THE EVENT OF UNIT #1 AIRBORNE CONT<br>AMINATION EMPLOYEES LEAVE BEFORE NAM<br>ES CAN BE RECORDED.                      |  |  |  |

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| FFERENCE - ECPS132J-ECP<br>REQUENCY - REQUEST<br>NP - ISSS - RWM<br>TEGORY: OP PLANT OPER. S |           | EMPLOYEE CONCERN INFORMATION BY                                           | AUTHORITY<br>R POWER<br>M System (ECPS)<br>Category/Subcategory<br>Practices and management control                                                                                                                                                                                                                                                                                                                                                                            | PAGE - 5<br>RUN TIME - 13:36:39<br>RUN DATE - 04/24/87                                                                           |
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| CONCERN NUMBER CAT CA                                                                        | T D LOC   | BF BL SQ WB REPORT                                                        | CONCERN<br>ORIGIN CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                          | REF. SECTION<br>CAT - OP<br>SUBCAT - 311                                                                                         |
| N -85-499-00301 OP 311<br>T50031                                                             | 04 N MBN  | 1 N N N Y IN-85-499-003<br>2 Na na na no                                  | QTC AUTHORITY IS NOT GIVEN TO ENFO<br>ALTH PHYSICS PROCEDURES FOR MO<br>NG RADIATION EXPOSURE IF THEY<br>TENTIONALLY VIOLATED BY EMPLOY                                                                                                                                                                                                                                                                                                                                        | ARE IN 3.4                                                                                                                       |
| N -85-642-00201 OP 311<br>T50062                                                             | 04 N WBN  | 1 N N N Y IN-85-642-002<br>2 NA NA NA NO                                  | QTC EMPLOYEE TOLD TO CHAVE HIS BEA<br>BE SENT HOME. EMPLOYEE WORKIN<br>ND SECURITY ON A VISTORS PASS<br>D 3 DAYS LEFT BEFORE LEAVING T<br>URITY AREA. SAFETY OFFICER (L<br>RIFIED TO THE SUPERVISOP THAT<br>PLOYEE DID HAVE TO SHAVE HIS B<br>EMPLOYEE TOOK VACATION TIME T<br>D A CONFRONTATION WITH SUPERVI<br>ER THIS ISSUE. MAY 1985 (NAME<br>ILS KNOWN TO QTC).                                                                                                           | G BEHI 3.4<br>AND HA 311.04-3<br>HE SEC<br>1.) VE<br>THE EM<br>DEARD.<br>O AVOI<br>SOR OV                                        |
| N -85-720-00201 OP 311<br>T50099                                                             | 02 N WBN  | 1 N N N Y<br>2 NA NA NA SR                                                | QTC NUCLEAR WASTE FROM SEQUOYAH WA<br>ED ON WATTS BAR SITE IN JULY 1<br>Deline to be contacted for add<br>L information. Follow up not<br>ED                                                                                                                                                                                                                                                                                                                                   | 984. 311.02-1                                                                                                                    |
| H -85-869-00101 OP 301<br>T50155<br>02 OP 311                                                |           | 1 N N Y Y IN-85-869-001<br>2 NA NA SR SR<br>1 N N Y Y<br>2 NA NA SR SR    | QTC MANWAY DOOR AT THE BOTTOM STEA<br>RATOR TAKES APPROX. 20 MINUTES<br>EN AND 3-4 HOURS TO CLOSE DUE<br>OMPLICATED PROCESS NECESSITATE<br>OOR DESIGN. IF THE COMEALONG<br>IT IS MOST LIKELY THAT PERSON<br>ULD BE PINNED BETWEEN THE SIDI<br>AND HAND RAIL. THERE ARE 5 F<br>UR EXCAPING WHILE TY'S DOOR IS<br>A WAY TO OPEN/CLO'S THIS DOO<br>BE FOUND THAT WOULS TAKE ONLY<br>NUTES TOTAL. CONSTR. DEPT. CO<br>UNITS 1 AND 2. CI HAS NO FU<br>INFORMATION. NO FOLLOWUP REQU | TO OP 311.05-2<br>TO A C<br>D BY P<br>SLIPS,<br>INEL HO<br>ING ARM<br>REMS/HO<br>S OPEN.<br>R MUST<br>20 MI<br>DNCERN.<br>JRTHER |
| N -85-991-00201 OP 311<br>T50100<br>CONCERNS ARE GROUPED BY                                  |           | 1 N N N Y IN-85-991-002 ·<br>2 NA NA NA NO<br>GITS OF SUBCATEGORY NUMBER. | QTC EMPLOYEE DOES NOT UNDERSTAND F<br>IMETRY CARDS ARE TO BE MAINTAN<br>TSIDE THE WORK AREA WITHOUT BE<br>ST OR DAMAGED. CI HAS NO FUR<br>FORMATION. NO FOLLOW UP REQUI                                                                                                                                                                                                                                                                                                        | INED OU 3.3<br>ING LO 311.03-6<br>THER IN                                                                                        |
| CONCERNS ARE OROUTED BI                                                                      | TROT 5 DI | OTTO DI DODONTEODRI NONDERI                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                  |

| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - IS3S - RWM<br>TEGORY: OP PLANT OPER. SUPPORT |     |            | TENNESSEE VALLEY AUTHORITY PAGE -<br>OFFICE OF NUCLEAR POWER RUN TIME - 13:3<br>EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS) RUN DATE - 04/2<br>EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY<br>SUBCATEGORY: 311 EXPOSURE LIMITS AND RECORDS |                                               |                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                   |
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| CONCERN NUMBER                                                                                          | CAT | SUB<br>CAT | S<br>H<br>R PLT<br>D LOC                                                                                                                                                                                                                       | 1 REPORT APPL<br>2 SAF RELATED<br>BF BL SQ WB | HISTORICAL<br>Report | CONCERN<br>ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | REF. SECTION<br>CAT - OP<br>SUBCAT - 311<br>REV./ |
| N -86-025-00101<br>T50109                                                                               | OP  | 31103      | N WBN                                                                                                                                                                                                                                          | 1 N N N Y<br>2 NA NA NA NO                    |                      | QTC               | HEALTH PHYSICS HAS INITIATED A PROGR<br>AM WHERE EACH INDIVIDUAL WILL KEEP T<br>RACK OF HIS DOSIMETER READING BY ISS<br>UING CARDS FOR THE EMPLOYEES TO CARR<br>Y WHILE WORKING ON A JOB REQUIRING A<br>N RUP. IF CARD IS LOST OR DAMAGED T<br>HE INDIVIDUAL HAS ONLY ONE OTHER MEA<br>NS OF DETERMINING RAD DOSE, BY TLD B<br>ADGE. CI HAS NO FURTHER INFORMATION<br>. NO FOLLOW UP REQUIRED.                                                                                                                                                    | <u>SECTION/ISSU</u><br>3.3<br>311.03-6            |
| N -86-044-00101<br>T50177                                                                               | OP  | 31105      | N WBN                                                                                                                                                                                                                                          | 1 N N Y Y<br>2 Na Na No No                    | IN-86-044-001        | QTC               | PROCESS MONITORING INSRUMENTATION (O<br>-PI-77-197, O-PI-77-176, O-PI-77-34)<br>IS LOCATED IN A HIGH RADIATION AREA.<br>BECAUSE THESE INSTRUMENTS HAVE REQ<br>UIRED EXCESSIVE AMOUNTS OF TIME TO R<br>EPAIR AND RECALIBRATE, THE ALARA CON<br>CEPT WOULD BE BETTER SERVED BY MOVIN<br>G THE PANEL (O-L-14) TO A LOWER RADI<br>ATION AREA. ELEVATION 676 NUC. POWE<br>R CONCERN. UNIT. 1. CI HAS NO ADDI<br>TICNAL INFORMATION. NO FOLLOW UP RE<br>QUIRED.                                                                                         | 3.5<br>311.05-3                                   |
| N -86-105-00101<br>T50119                                                                               | OP  | 31106      | N WBN                                                                                                                                                                                                                                          | 1 N N N Y<br>2 NA NA NA NO                    | IN-86-105-001        | QTC               | TLD BADGE RACKS, LOCATED AT THE DOSI<br>METRY ISSUE BLDG., ARE UNDER THE MAI<br>N STEAM LINES (708' ELEV.TURBINE BLD<br>G., UNIT #1). IN THE EVENT OF A PRIM<br>ARY TO SECONDARY LEAK, THE BADGES IN<br>THE RACK COULD PICK UP SIGNIFICANT<br>DOSE. THERE SHOULD BE A BETTER LOCA<br>TION FOR THE TLD RACKS AND THE TLD I<br>SSUE BUILDING. IF THE TLD ISSUE BUI<br>LDING HAD TO BE EVACUATED, TLD PROCE<br>SSING WOULD BE SUSPENDED BECAUSE THE<br>TLD READERS FOR WBNP ARE IN THIS BU<br>ILDING. NUCLEAR POWER. CI HAS NO M<br>ORE INFORMATION. | 3.6<br>311.06-9                                   |

| FERENCE - ECP<br>Requency - Req<br>IP - ISSS - RWM<br>Fegory: OP Plan | DEST | -ECPS13<br>R. SUPP |                          | TENNESSEE VALLEY AUTHORITYPAGE-7OFFICE OF NUCLEAR POWERRUN TIME -13:36:39EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)RUN DATE -04/24/87EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORYSUBCATEGORY:311SUBCATEGORY:311RADIOACTIVE MATERIAL CONTROLPAGE -7 |                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |
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| ONCERN NUMBER                                                         | CAT  | SUB<br>CAT         | S<br>H<br>R PLT<br>D LOC | 1 REPORT APPL<br>2 SAF RELATED<br>BF BL SQ WB                                                                                                                                                                                                          | HISTORICAL<br>REPORT | CONCERN<br>ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                              | REF. SECTION<br>CAT - OP<br>SUBCAT - 311 |
| + -86-287-00101<br>T50178                                             |      | 60400              |                          | 1 N N N Y<br>2 NA NA NA NO                                                                                                                                                                                                                             | IN-86-287-001        | QTC               | WASTE WAS BROUGHT TO WBNP FROM SEQUO<br>YAH BY TANK TRUCKS IN APRIL '84. CI<br>IS CONCERNED ABOUT THE DUMPING PRAC<br>TICES AND AUTHORIZATION AND TYPE OF                                                                                                                                                                                                                                                                        | <u>SECTION/ISSU</u><br>3.2<br>311.02-1   |
| 02                                                                    | OP   | 31102              | S WBN                    | 1 N N N Y<br>2 NA NA NA SR                                                                                                                                                                                                                             |                      |                   | WASTE BEING DUMPED. DETAILS KNOWN T<br>O QTC, WITHHELD DUE TO CONFIDENTIALI<br>TY. CONSTRUCTION DEPT. CONCERN. CI<br>HAS NO FURTHER INFORMATION.                                                                                                                                                                                                                                                                                 |                                          |
| \M-86-001 01                                                          | OP   | 31102              | N SQN                    | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                                             |                      | OECP              | RADIOLOGICAL HYGIENE PROBLEM OF CONT<br>AMINATED MATERIAL STORED IN LOCKERS<br>AND CABINETS WHICH ARE NOT PROPERLY<br>LABLED. MATERIAL STORED IN AUX. BUIL<br>DING.                                                                                                                                                                                                                                                              | 3.2<br>311.02-3                          |
| LH-86-003 01                                                          |      |                    |                          | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                                             | S                    | OECP              | PER TVA'S GET CLASS AND PLANT PROCED<br>URES, EMPLOYEES ARE TO FRISK AS SOON<br>AS EXITING A "C-ZONE". CURRENTLY,<br>AN EMPLOYEE HAS TO SEARCH FOR A FRIS<br>KER. IN THE PROCESS OF LOOKING FOR<br>A FRISKER, AN EMPLOYEE CAN CONTAMINA<br>TE DOORS AND/OR THE FLOOR. ONE OF T<br>VA'S OBJECTIVES IS TO KEEP DOWN CONT<br>AMINATION, AND THE CURRENT PROCESS D<br>OES NOT ADEQUATELY CONTROL THE SPREA<br>DING OF CONTAMINATION. | 3.4<br>311.04-4                          |
| ;1A-85-001 01                                                         | OP   | 31104              | N SQN                    | 1 N N Y N<br>2 NA NA SS NA                                                                                                                                                                                                                             |                      | OECP              | A HIGH RISK POSSIBILITY OF NOT SECUR<br>ING ABSCE TYPE BREACHES. IF A VALID<br>HIGH RADIATION CONDITION OCCURRS IN<br>THE AUX. BUILDING OR DURING AN ANNO<br>UCED EVACUATION OR EVACUATION ALARM<br>SOUNDED MAY CAUSE PERSON TO LEAVE AU<br>X. BUILDING PRIOR TO SEALING PENETRA<br>TION.                                                                                                                                        | 3.4<br>311.04-4                          |
| RS-85-002 01                                                          | OP   | 31106              | N SQN                    | 1 Y Y Y Y<br>2 No No No No                                                                                                                                                                                                                             | and a new            | OECP              | NO PORTAL MONITOR EXISTS AT PLANT EX                                                                                                                                                                                                                                                                                                                                                                                             | 3.6<br>311.06-2                          |
| RS-85-003 01                                                          | OP   | 31102              | N SQN                    | 1 N N Y N<br>2 NA NA NO NA                                                                                                                                                                                                                             |                      | OECP              | GREEN TAG IS NO LONGER REQUIRED AT T<br>He clean tool room                                                                                                                                                                                                                                                                                                                                                                       | 3.2<br>311.02-6                          |

| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - ISSS - RWM<br>TEGORY: OP PLANT OPER. SUPPORT |                |                          | TENNESSEE VALLEY AUTHORITY<br>OFFICE OF NUCLEAR POWER<br>EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)<br>EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY<br>SUBCATEGORY: 311 HP FACILITIES, CLOTHING & PROTECTIVE EQUIPMENT |                   |                                                                                                                                                                                                                                                                                                                            |                                                          |  |
|---------------------------------------------------------------------------------------------------------|----------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--|
| CONCERN NUMBER                                                                                          | SUB<br>CAT CAT | S<br>H<br>R PLT<br>D LOC | 1 REPORT APPL<br>2 SAF RELATED HISTORICAL<br>BF BL SQ WB REPORT                                                                                                                                                            | CONCERN<br>ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                        | REF. SECTION<br>CAT - OP<br>SUBCAJ - 311<br>SECTION/ISSU |  |
| RS-85-004 01                                                                                            | OP 31106       | N SQN                    | 1 Y Y Y Y<br>2 No no no no                                                                                                                                                                                                 | OECP              | C-ZONE CLOTHES ARE NOT BEING PATCHED<br>By the Laundry                                                                                                                                                                                                                                                                     | 3.6<br>311.06-10                                         |  |
| 0 -85-005-01101<br>T50263                                                                               | IH 60400       | S WBN                    | 1 N N Y Y<br>2 NA NA NO NO                                                                                                                                                                                                 | QTC               | CI STATED THAT TVA DUMPED RADIOACTIV<br>E MATERIAL (WATER), CARRIED IN TANKE<br>R TRUCKS FROM SEQUOYAH, IN ONE OF TH                                                                                                                                                                                                       | 3.?<br>311.02-1                                          |  |
| 02                                                                                                      | OP 31102       | S WBN                    | 1 N N Y Y<br>2 NA NA SS SS                                                                                                                                                                                                 | 5                 | E FIELDS ON THE OTHER SIDE OF WATTS<br>BAR PROJECT. THIS OCCURRED ABOUT TH<br>REE YEARS AGO. CI HAS NO ADDITIONAL<br>DETAILS. CONSTRUCTION DEPARTMENT C<br>ONCERN.                                                                                                                                                         | 9 G                                                      |  |
| II-85-A-0064 01                                                                                         | OP 31104       | N SQN                    | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                 | NRC               | THIS ALLEGATION EXPRESSED CONCERN AB<br>OUT THE SEQUOYAH HEALTH PHYSICS PROG<br>RAM. THE ESSENCES OF THE CONCERNS A<br>RE PROVIDED BELON:1. TVA DOES NOT HA<br>VE THE ABILITY TO RUN AN HP OPERATIO<br>N. 2. AN INDIVIDUAL LOST A RADIOACTI<br>VE SOURCE AT THE SITE AND NEVER REPO<br>RTED THE LOSS TO MANAGEMENT. 3. THE | 3.4<br>311.04-9                                          |  |
| 0 11                                                                                                    |                |                          |                                                                                                                                                                                                                            |                   | LOCATION OF RADIATION MONITORS ARE N<br>OT AS INDICATED ON THE ASIL-3 PROCED<br>URE. 4. SMEARS ARE TAKEN INTO THE HE<br>ALTH PHYSICS OFFICE TO COUNT AND ARE<br>THEN THROWN INTO THE TRASH. 5. THE<br>SMEAR COUNTING AREA IN THE HP (See At<br>K-Form for continnation of concern                                          | tached                                                   |  |
| .qn-85-001-00101                                                                                        | OP 31106       | N SQN                    | 1 N N Y N<br>2 NA NA NO NA                                                                                                                                                                                                 | NSRS              | DURING OUTAGES SOME PERSONNEL IN AN<br>AREA HAVE BEEN REQUIRED TO WEAR FACE<br>MASKS WHILE OTHERS IN THE SAME AREA<br>HAVE NOT. AT TIMES HP DIDN'T WEAR<br>ONE. LOWER CONTAINMENT, MAY 1985 TI<br>MEFRAME.                                                                                                                 | 3.6<br>311.06-4                                          |  |

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| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - ISSS - RWM<br>TEGORY: OP PLANT OPER. SUPPORT | OFFICE OF NUCL<br>Employee Concern Prog<br>Employee Concern Information | EAR POWER RL                                                                                                                                                                                                                                                                                                                                                                         | GE - 9<br>N TIME - 13:36:39<br>N DATE - 04/24/87                   |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
|                                                                                                         | 1 REPORT APPL<br>PLT 2 SAF RELATED HISTORICAL<br>OC BF BL SQ WB REPORT  | CONCERN<br>ORIGIN CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                    | REF. SECTION<br>CAT - OP<br>SUBCAT - 311<br>REV. /                 |
| QP-86-009-00101 OP 31104 N<br>T50273                                                                    | SQN 1 N N Y N<br>2 NA NA SR NA                                          | QTC AN INCIDENT AT SEQUOYAH, WHICH RES<br>TED IN EMPLOYEES BEING RADIOACTIV<br>CONTAMINATED, COULD HAVE BEEN PRI<br>NTED, AND REFLECTS MANAGEMENT'S AT<br>TUDE TOWARD RADIATION SAFETY AND F<br>SONAL SAFETY OF THE EMPLOYEES. DI<br>ILS KNOWN TO QTC, WITHHELD DUE TO<br>NFIDENTIALITY. NO FURTHER INFORM<br>ON MAY BE RELEASED. NUCLEAR POWER<br>EPARTMENT CONCERN.                                                    | LY<br>VE 3.4<br>TI 311.04-2<br>ER<br>TA<br>CO<br>TI                |
| QP-86-009-00201 OP 31104 N<br>T50273                                                                    | SQN 1 N N Y N<br>2 NA NA NO NA                                          | QTC THE TRANSFER OF RESPONSIBILITY FO<br>EALTH PHYSICS FROM MUSCLE SHOALS<br>SEQUOYAH PLACES THE INDIVIDUAL RES<br>NSIBLE FOR HEALTH PHYSICS IN A PO<br>ION WHERE MUCH PRESSURE FROM PLAN<br>ANAGEMENT CAN BE EXERTED, AND HAS<br>USED COMPROMISES OF PREVIOUSLY ES<br>LISHED HEALTH PHYSICS POLICY REGAN<br>NG PERSONNEL ACCESS DURING UNIT ON<br>ATION. NUCLEAR POMER DEPARTMENT O<br>CERN. CI HAS NO FURTHER INFORMAT | 0 311.04-6<br>PO 311.04-6<br>IT<br>M<br>CA<br>AB<br>DI<br>ER<br>ON |
| BN-0065 01 OP 31105 N                                                                                   | NBN 1 N N Y Y<br>2 NA NA SR SR                                          | OECP THE TIME REQUIRED TO CALIBRATE OR<br>PAIR 1-L1-77-125,126,410,411, WHIC<br>ARE LOCATED IN THE RACEWAY ON UNITIS<br>IS A POTENTIAL ALARA CONCERN                                                                                                                                                                                                                                                                     | H 211 05 2                                                         |
| 'BN-0186 01 OP 31105 N                                                                                  | NBN 1 N N N Y<br>2 NA NA NA SR                                          | OECP BARRICADES SHOULD BE INSTALLED TO<br>EVENT UNRESTRICTED ACCESS INTO RE<br>TLY ROOM VIA CRANE WALL PENETRATIO<br>TO RCS LOOP PENETRATIONS INTO RE<br>OR WALL. THESE AREAS WILL BE HIG<br>ADIATION AREAS - POSSIBLY >1 R/HR<br>EAS.                                                                                                                                                                                   | GEN 311.05-4<br>DNS<br>ACT<br>I R                                  |
| IBN-0291 01 OP 30105 S<br>02 OP 31107 S                                                                 | 2 NA NA NA SR                                                           | OECP POTENTIAL "UPTAKE" OF RADIOACTIVE<br>BSTANCES DUE TO SIMILAR FITTINGS<br>NG USED FOR AIR, WATER & CONTAMIN<br>D DRAIN CONNECTION.                                                                                                                                                                                                                                                                                   | EI 311.07-4                                                        |

| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - ISSS - RWM<br>TEGORY: OP PLANT OPER. SUPPORT |      |            | OFFICE OF NUCLEAR POWER  |                                               |                      |                   | PAGE - 10<br>RUN TIME - 13:36:39<br>RUN DATE - 04/24/87                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |
|---------------------------------------------------------------------------------------------------------|------|------------|--------------------------|-----------------------------------------------|----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| CONCERN NUMBER                                                                                          | CAT  | SUB<br>CAT | S<br>H<br>R PLT<br>D LOC | 1 REPORT APPL<br>2 SAF RELATED<br>BF BL SQ WB | HISTORICAL<br>REPORT | CONCERN<br>ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                          | REF. SECTION<br>CAT - OP<br>SUBCAT - 311                      |
| BN-0292 0                                                                                               | L OP | 31107      | N WBN                    | 1 N N N Y<br>2 NA NA NA SR                    |                      | OECP              | AIR QUALITY CHECKS SHOULD BE MORE<br>PRESENTATIVE. SHOULD CHECK 6 ALTE<br>ATING LOCATIONS QUARTERLY.                                                                                                                                                                                                                                                                                                                                                                         |                                                               |
| BN-0294 0                                                                                               | L OP | 31105      | N WBN                    | 1 N N N Y<br>2 NA NA NA SR                    |                      | OECP              | UNRESTRICTED ACCESS TO HIGH RADIAT<br>N AREAS (DURING OPERATION & OUTAGE<br>- RCS LEG PENETRATIONS FROM IPCW<br>RX VESSEL - NEED TO PROVIDE BARRI<br>DE RESTRICTING ACCESS.                                                                                                                                                                                                                                                                                                  | s) 311.05-4                                                   |
| BN-225 0                                                                                                | L OP | 30501      | S WBN                    | 1 N N N Y<br>2 NA NA NA SR                    |                      | OECP              | NEED SCAFFOLDS BUILT TO GAIN ACCES<br>To valves on SIS accumulators. Th<br>E valves are difficult to get to w                                                                                                                                                                                                                                                                                                                                                                | ES 311.05-5                                                   |
| 0.                                                                                                      | 2 OP | 31105      | S WBN                    | 1 N N N Y<br>2 NA NA NA SR                    |                      |                   | N INDIVIDUAL IS DRESSED OUT. CI R<br>Ommends relocating valves to decre<br>e safety hazard and reduce radiati<br>exposure (Alara)                                                                                                                                                                                                                                                                                                                                            | EC<br>AS                                                      |
| I -85-038-0010                                                                                          | L OP | 31104      | N HBN                    | 1 N N Y Y<br>2 NA NA SR SR                    |                      | <b>QTC</b>        | WATTS BAR: THE PRACTICE OF PERSONS<br>NTERING THE LOWER CONTAINMENT AREA<br>F THE REACTOR CONTAINMENT FOR NON-<br>ERGENCY REPAIRS; WHILE THE REACTOR<br>S OPERATING, SHOULD BE RE-EVALUATE<br>RECENT STUDIES INDICATE THE BIOL<br>ICAL EFFECTS OF PERSONNEL EXPOSURE<br>O NEUTRON FLUX ARE MORE SERIOUS TH<br>PREVIOUSLY BELIEVED. THIS PRACTI<br>IS IN EFFECT AT SEQUOYAH AND RESU<br>ED IN AN ACCIDENT AROUND 1983/1984<br>ND IS PLANNED TO BE IMPLEMENTED AT<br>ATTS BAR. | 0 311.04-6<br>EM<br>J<br>D.<br>OG<br>T<br>AN<br>CE<br>UT<br>A |

| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - ISSS - RWM<br>TEGORY: OP PLANT OPER. SUPPORT |     |            | TENNESSEE VALLEY AUTHORITY<br>OFFICE OF NUCLEAR POWER<br>EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)<br>EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY<br>SUBCATEGORY: 311 EXPOSURE LIMITS AND RECORDS |                                               |                      |                   | - 11<br>ME - 13:36:39<br>MTE - 04/24/87                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                   |
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| CONCERN NUMBER                                                                                          | CAT | SUB<br>CAT | S<br>H<br>R PLT<br>D LOC                                                                                                                                                                                | 1 REPORT APPL<br>2 SAF RELATED<br>BF BL SQ WB | HISTORICAL<br>Report | CONCERN<br>ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | REF. SECTION<br>CAT - OP<br>SUBCAT - 311<br>REV.1 |
| I -85-047-00201<br>T50118                                                                               | OP  | 31103      | N MBN                                                                                                                                                                                                   | 1 N N N Y<br>2 NA NA NA NO                    |                      | etc<br>U          | OTHER TVA NUCLEAR PLANTS USE A HEALT<br>H PHYSICS SIGN IN/OUT SHEET FOR EVER<br>YONE, WHICH HANGS AT THE ENTRANCE OF<br>HOT (RADIOACTIVE) WORK AREAS. AT W<br>BNP, THE WORKERS ARE PROVIDED WITH C<br>ARDS WHICH WILL ACCOMPLISH THE SAME<br>TASK. THE CARDS HOWEVER, GET DOG-EA<br>RRED, STAINED AND LOST BY BEING CARR<br>IED BY THE EMPLOYEES. CI FEELS WBNP<br>SHOULD USE THE EXISTING SYSTEM OF O<br>THER TVA PLANTS. CI HAS NO ADDITION<br>AL INFORMATION. NUC PWR CONCERN, UN<br>IT #1 | <u>SECTION/ISSU</u><br>3.3<br>311.03-6            |
| X -85-002-00101<br>T50003                                                                               | OP  | 31103      | N BFN                                                                                                                                                                                                   | 1 Y N N N<br>2 NO NA NA NA                    | XX-85-002-001        | <b>QTC</b>        | PROCEDURES AT BROWN'S FERRY NOT BEIN<br>G FOLLOWED BY MANAGEMENT. SPECIFICA<br>LLY, PROCEDURES - STANDARD PRACTICE<br>5.5 AND RCI-1 WHICH STATE "ALL EMPLO<br>YEES WITHIN A SECTION RECEIVE APPROX<br>IMATELY THE SAME EXPOSURE DOSE." WO<br>RKERS IN RADIOLOGICALLY CONTROLLED A<br>REAS ARE NOT RECEIVING APPROXIMATE S<br>AME DOSAGES. ONE WORKER HAS RECEIVE<br>D HIGH DOSAGE WITHIN SPECIFIED LIMIT<br>S WHILE OTHER WORKERS WITH THE SAME<br>JOB TITLE HAVE RECEIVED NO DOSE.           | 3.3<br>311.03-5                                   |
| X -85-005-00101                                                                                         | ЭР  | 31102      | N SQN                                                                                                                                                                                                   | 1 N N Y N<br>2 NA NA SR NA                    |                      | QTC               | SEQUOYAH PLANT; CONTAMINATED WATER D<br>Umped into River (Ref in-85-049)                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.2<br>311.02-1                                   |
| X -85-007-00101<br>T50086                                                                               | OP  | 31103      | N SQN                                                                                                                                                                                                   | 1 N N Y Y<br>2 NA NA NO NO                    | XX-85-007-001        | <b>₽TC</b>        | QUESTION DAILY LIMITS OF ACCEPTABLE<br>RADIATION EXPOSURE AT SEQUOYAH AND W<br>ONDERS IF THEY WILL BE SAME HERE AT<br>MATTS BAR? TVA DOES NOT HAVE DAILY<br>DOSAGE LIMITS; IT HAS QUARTERLY AND<br>YEARLY DOSAGE LIMITS. THERE WERE NU<br>MEROUS CASES OF OVER EXPOSURE ABOUT<br>2-3 YEATS AGO. WHEN OVER-EXPOSURED,<br>EMPLOYEE WILL BE LAID OFF. THIS IS<br>THE CORRECTIVE ACTION TVA USES FOR<br>OVER-EXPOSURE AT SEQUOYAH. CI HAS N<br>O FURTHER INFORMATION                              | 3.3<br>311.03-1                                   |

| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - ISSS - RWM<br>TEGORY: OP PLANT OPER. SUPPORT | TENNESSEE VALLEY AUTHORITYPAGE-12OFFICE OF NUCLEAR POWERRUN TIME-13:36:39EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)RUN DATE-04/24/87EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORYSUBCATEGORY: 311HP POLICY, PRACTICES AND MANAGEMENT CONTROL |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
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| SUB R PL<br>CONCERN NUMBER CAT CAT D LOC                                                                | 1 REPORT APPL<br>2 SAF RELATED HISTORICAL CONCERN<br>BF BL SQ WB REPORT GRIGIN                                                                                                                                                                  | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| X -85-009-00201 IH 60200 S SQ<br>T50193<br>02 OP 31104 S SQ                                             | 2 NA NA NO NA                                                                                                                                                                                                                                   | SEQUOYAH: THERE IS NO REGARD FOR PER<br>SONAL SAFETY AT OPERATING PLANTS. M<br>ANAGEMENT (KNOWN) DIRECTED THAT THE<br>OLDEST EMPLOYEES BE ASSIGNED TO "HOT<br>"WORK IN ORDER FOR THEM TO REACH TH<br>EIR RADIATION EXPOSURE LEVELS FIRST.<br>A SUPERVISOR (KNOWN) MADE THE STAT<br>EMENT THAT "OLDER FOLKS WON'T BE LON<br>G AROUND". DETAILS KNOWN TO QTC, WI<br>THHELD DUE TO CONFIDENTIALITY. CONS<br>TRUCTION DEPT. CONCERN. CI HAS NO F<br>URTHER INFORMATION.                                                   |  |  |  |
| X -85-015-00101 OP 31104 N SQ<br>T50078                                                                 | 1 N N Y Y XX-85-015-001 QTC<br>2 Na na Sr Sr                                                                                                                                                                                                    | SEQUOYAH: THE PRACTICE OF PERSONNEL<br>ENTERING THE LOWER CONTAINMENT AREA<br>OF THE REACTOR CONTAINMENT FOR NON-E<br>MERGENCY REPAIRS WHILE THE REACTOR I<br>S OPERATING SHOULD BE RE-EVALUATED S<br>INCE RECENT STUDIES INDICATE THE BIO<br>LOGICAL EFFECTS OF PERSONNEL EXPOSUR<br>E TO NEUTRON FLUX ARE MORE SERIOUS T<br>HAN PREVIOUSLY BELIEVED. THIS PRACT<br>ICE CAUSED AN ACCIDENT IN THE INCORE<br>INSTRUMENT PROBE ROOM AT SEQUOYAH I<br>N 1984 AND IS STILL CONTINUED. C/I<br>HAS NO FURTHER INFORMATION. |  |  |  |
| X -85-024-00101 OP 31101 N SQN<br>T50208                                                                | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                                      | SEQUOYAH: HEALTH PHYSICS PERSONNEL N<br>OT AWARE OF PROTECTIVE EQUIPMENT REQ<br>UIRED FOR WORK AREA. EXAMPLE: HP AT<br>ENTRANCE TO RADIATION AREA INFORMED<br>CRAFT THAT PARTICULATE MASKS WERE N<br>OT REQUIRED. WHILE WORKING, HP TOLD<br>CRAFT TO STOP WORK AND LEAVE AREA B<br>ECAUSE THEY DID NOT HAVE PARTICULATE<br>MASKS. THIS HAPPENED IN 1983 AND 1<br>984. NUCLEAR POWER CONCERN. UNITS<br>1 & 2.                                                                                                          |  |  |  |

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CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

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| EFERENCE - ECP<br>Requency - Req<br>NP - ISSS - RWM<br>Tegory: OP Plan | VEST | -ECPS13<br>R. SUPP |                          | TENNESSEE VALLEY AUTHORITYPAGE-13OFFICE OF NUCLEAR POWERRUN TIME -13:36:39EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)RUN DATE -04/24/87EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORYSUBCATEGORY: 311HP POLICY, PRACTICES AND MANAGEMENT CONTROL |                      |                   |                                                                                                                                                                                                                                           |                                                   |
|------------------------------------------------------------------------|------|--------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| CONCERN NUMBER                                                         | CAT  | SUB<br>CAT         | S<br>H<br>R PLT<br>D LOC | 1 REPORT APPL<br>2 SAF RELATED<br>BF BL SQ WB                                                                                                                                                                                                     | HISTORICAL<br>REPORT | CONCERN<br>ORIGIN | O<br>CONCERN DESCRIPTION                                                                                                                                                                                                                  | REF. SECTION<br>CAT - OP<br>SUBCAT - 311<br>Rev.1 |
| X -85-025-00101<br>T50028                                              | OP   | 31104              | N BLN                    | 1 N Y N N<br>2 NA NO NA NA                                                                                                                                                                                                                        | XX-85-025-001        | QTC               | BELLEFONTE: INADEQUATE UPPER MANAGEM<br>ENT SUPPORT PROVIDED THE HEALTH PHYS<br>ICS DEPT. TO ENFORCE AN EFFECTIVE RA<br>DIOLOGICAL SAFETY PROGRAM. NO DISCI<br>PLINARY AUTION IS TAKEN WHEN EMPLOYE<br>ES INTENTIONALLY BY-PASS MONITORS. | <u>SECTION/ISSU</u><br>3.4<br>311.04-2            |
| X -85-026-00101<br>T50028                                              | OP   | 31104              | N SQN                    | 1 N N Y N<br>2 NA NA SS NA                                                                                                                                                                                                                        | XX-85-026-001        | QTC               | SEQUOYAH: INADEQUATE UPPER MANAGEMEN<br>T SUPPORT PROVIDED THE HEALTH PHYSIC<br>S DEPT. TO ENFORCE AN EFFECTIVE RAD<br>IOLOGICAL SAFETY PROGRAM. NO DISCIP<br>LINARY ACTION IS TAKEN WHEN EMPLOYEE<br>S INTENTIONALLY BY-PASS MONITORS.   | 3.4<br>311.04-2                                   |
| X -85-028-X0201<br>T50148                                              | IH   | 60300              | S SQN                    | 1 N N Y N<br>2 NA NA NO NA                                                                                                                                                                                                                        | I-85-514-SQN         | QTC               | SEQUOYAH- RADIATION WORK PERMIT 02-2<br>-00214 (SIGN-IN SHEET) CONTAINS FALS<br>IFIED SIGNATURES. NO FOLLOWUP REQUI                                                                                                                       | 3.4<br>311.04-7                                   |
| 02                                                                     | OP   | 31104              | S SQN                    | 1 N N Y N<br>2 NA NA NO NA                                                                                                                                                                                                                        |                      |                   | RED                                                                                                                                                                                                                                       | 0                                                 |
| X -85-028-X0301<br>T50148                                              | IH   | 60400              | S SQN                    | 1 N N Y N<br>2 NA NA NO NA                                                                                                                                                                                                                        | I-85-514-SQN         | QTC               | SEQUOYAH- RADIATION WORK PERMITS ARE<br>NOT BEING COMPLETED PER PROCEDURE R<br>EQUIREMENTS. RADIATION WORK PERMIT                                                                                                                         | 3.4<br>311.04-7                                   |
| 02                                                                     | OP   | 31104              | S SQN                    | 1 Y Y Y Y<br>2 NO NO NO NO                                                                                                                                                                                                                        |                      |                   | 02-2-00214 IS AN EXAMPLE. NO FOLLOW<br>UP REQUIRED                                                                                                                                                                                        | 0                                                 |
| X -85-028-00101<br>T50036                                              | OP   | 31103              | N SQN                    | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                                        | XX-85-028-001        | QTC               | WHILE AT ANOTHER TVA FACILITY INDIVI<br>DUAL WAS EXPOSED TO THE MAXIMUM AMOU<br>NT OF RADIATION. RWP WAS ADJUSTED B<br>Y HEALTH PHYSICS TO REFLECT AN INCRE<br>ASE IN RADIATION ALLOWANCE. (NAME A<br>ND DETAILS KNOWN BY QTC)            | 3.3<br>311.03-2                                   |

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| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - ISSS - RWM<br>TEGORY: OP PLANT OPER. SUPPORT | TENNESSEE VALL<br>OFFICE OF NUC<br>Employee Concern Pro<br>Employee Concern Information<br>Subcategory: 311 HP Facil | TENNESSEE VALLEY AUTHORITY<br>OFFICE OF NUCLEAR POWER<br>EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)<br>EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY<br>SUBCATEGORY: 311 HP FACILITIES, CLOTHING & PROTECTIVE EQUIPMENT              |                                                                                                                                                                                                                                                                                          |  |  |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| CONCERN NUMBER CAT CAT D                                                                                | 1 REPORT APPL<br>PLT 2 SAF RELATED HISTORICAL<br>LOC BF BL SQ WB REPORT                                              | CONCERN<br>ORIGIN CONCERN DESCR                                                                                                                                                                                                         | REF. SECTION<br>CAT - OP<br>SUBCAT - 311                                                                                                                                                                                                                                                 |  |  |
| X -85-036-00101 OP 31106 N<br>T50007                                                                    | SQN 1 Y Y Y<br>2 NO NO NO NO                                                                                         | T MAY NOW BE, OR N<br>RN AT WATTS BAR:<br>ZONE" GLOVES (REUS<br>ROTECTING WORKERS<br>DIATION SOURCES) I<br>GH SMALL SIZES. I<br>E MADE TO FIT BY E<br>PING, BUT THEY STI<br>S IS AN OSHA TYPE<br>PERSONS WHO MUST<br>E CERTAIN TOOLS TH | SECTION/ISSUSECTION/ISSUSECTION/ISSUMAGE GLOVES, A CONCEWHOEVER ORDERS "C-SEABLE GLOVES FOR PORSEABLE GLOVES FOR PORSARE GLOVES FOR PORSIL.06-5SIL.06-5SIL.06-5SIL.06-5SIL.06-5SIL.06-5SIL.06-5SIL.06-5COLSPANESAFETY PROBLEM FORCLIMB OR WHO HANDLNAT REQUIRE A SUREWOCH MORE SERIOUS/C |  |  |
| X -85-048-00301 OP 31103 N<br>T50073                                                                    | SQN 1 N N Y N XX-85-048-00<br>2 NA NA SR NA                                                                          | ATION DURING X-RAY<br>NCE NEITHER TLD'S<br>Dosimeters were a<br>During this time<br>1979, C/I is cond<br>C/I, or any other                                                                                                              | AS EXPOSED TO RADI<br>OF PIPE WELD. SI<br>NOR OTHER TYPES OF<br>REQUIRED TO BE WORN<br>PERIOD, 1978-EARLY<br>CERNED OVER DOSAGES<br>R EMPLOYEES THERE M<br>DURING R T OF PIPE<br>JP REQUIRED.                                                                                            |  |  |
| X -85-052-00101 OP 30108 S<br>T50153<br>02 OP 31105 S                                                   | 2 NA NA SR SR                                                                                                        | F STEAM GENERATOR<br>MINUTES TO OPEN AN<br>SE DUE TO COMPLICA<br>ITATED BY POOR DES<br>NG SLIPS, IT IS M<br>SONNEL HOULD BE P<br>WING-ARM AND HAND<br>REMSZHOUR ESCAPIN<br>IS OPEN. A WAY TO<br>OOR MUST DE FOUND<br>LY 20 MINUTES TOTA | OOR AT THE BOTTOM 03.5TAKES APPROX. 20311.05-2ND 3-4 HOURS TO CLO311.05-2ATED PROCESS NECESS51GN. IF A COMEALODST LIKELY THAT PERINNED BETWEEN THE SRAIL. THERE ARE 5IG WHILE THIS DOORO OPEN/CLOSE THIS DTHAT WOULD TAKE ONAL. UNITS 1 AND 2.ER INFORMATION. NOO.                       |  |  |

9

| EFERENCE - ECPS132J-ECPS132C<br>REQUENCY - REQUEST<br>NP - ISSS - RHM<br>TEGORY: OP PLANT OPER. SUPPORT |     |            |                          | TENNESSEE VALLEY AUTHORITYPAGE-15OFFICE OF NUCLEAR POWERRUN TIME -13:36:39EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)RUN DATE -04/24/87EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORYRUN DATE -04/24/87SUBCATEGORY: 311HP FACILITIES, CLOTHING & PROTECTIVE EQUIPMENTPAGE- |                      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
|---------------------------------------------------------------------------------------------------------|-----|------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| CONCERN NUMBER                                                                                          | CAT | SUB<br>CAT | S<br>H<br>R PLT<br>D LOC | 1 REPORT APPL<br>2 SAF RELATED<br>BF BL SQ WB                                                                                                                                                                                                                               | HISTORICAL<br>Report | ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REF. SECTION<br>CAT - OP<br>SUBCAT - 311<br>Rev. / |
| X -85-055-00101<br>T50091                                                                               | OP  | 31106      | N SQN                    | 1 Y N Y Y<br>2 NO NA NO NO                                                                                                                                                                                                                                                  | IN-85-055-001        | 9TC    | SELF READING POCKET DOSIMETERS ARE COLLECTED IN A METAL BOX AT THE ENTRY<br>PORTAL IN THE TURBINE BUILDING. BY<br>THROWING DOSIMETERS IN A BOX THEY CO<br>OULD BE KNOCKED OFF SCALE.                                                                                                                                                                                                                                                                                                                                   | 3.6                                                |
| X -85-063-00101<br>T50175                                                                               | OP  | 31104      | N SQN                    | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                                                                  | I-85-513-SQN         | QTC    | SEQUOYAH OPERATORS AND HEALTH PHYSIC<br>S: FAILURE TO KNOW AND VERIFY THE C<br>ONTENTS OF SYSTEM. EXAMPLE: HEALTH<br>PHYSICS GAVE GO AHEAD TO OPEN A LINE<br>IN TURBINE BUILDING, UNIT 2, SAYING<br>EVERYTHING WAS O.K. AND CLEAN. AFT<br>ER OPENING THE LINE, THE NEXT NIGHT,<br>THE ENTIRE AREA WAS ROPED OFF FOR C<br>ONTAMINATION. THIS OCCURRED IN JANA<br>FEB 84. C/I HAS NO FURTHER INFORMAT<br>ION. NUC. POWER CONCERN.                                                                                        | 311.04-8                                           |
| X -85-066-00101<br>T50134                                                                               | OP  | 31104      | N SQN                    | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                                                                  | XX-85-066-001        |        | SEQUOYAH - 3 YEARS AGO, HEALTH PHYSI<br>CS AT SEQUOYAH WAS NOTIFIED OF HIGHE<br>R THAN EXPECTED RADIATION LEVELS IN<br>THE REACTOR BUILDING. WHEN NOTIFIED<br>BY TELEPHONE, HP PERSONNEL SPECULAT<br>ED ON THE REASONS FOR THE HIGH RADIA<br>TION LEVEL, AND DID NOT RESPOND IMME<br>DIATELY TO INVESTIGATE. CI FEELS TH<br>AT WASTING TIME SPECULATING ON CAUSE<br>AND NOT RESPONDING IMMEDIATELY IS A<br>CONCERN FOR SAFETY. NUCLEAR POWER<br>DEPT CONCERN. CI HAS NO FURTHER IN<br>FORMATION. NO FOLLOW UP REQUIRED | 311.04-5                                           |
| X -85-084-00101<br>T50181                                                                               | OP  | 31104      |                          | 1 N N Y N<br>2 NA NA SR NA                                                                                                                                                                                                                                                  | I-85-806-SQN         | QTC    | QUESTIONABLE PRACTICES BY HEALTH PHY<br>SICS & SEQUOYAH IN 1982 LEAD TO POSS<br>IBLE OVER EXPOSURE. H.P. HOULD RESPO<br>ND TO RADIATION ALARMS AND UNPLUG UN<br>ITS. DETAILS KNOWN TO QTC, WITHHELI<br>DUE TO CONFIDENTIALITY. CONST. DEF<br>T. CONCERN. C/I HAS NO FURTHER INFO<br>RMATION.                                                                                                                                                                                                                           | 311.04-5                                           |

| EFERENCE | - | ECPS132J-ECPS132C |
|----------|---|-------------------|
| REQUENCY | - | REQUEST           |

TEGORY: OP PLANT OPER. SUPPORT

NP - 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

| CONCERN NUMBER            | CAT             | SUB<br>CAT | S<br>H<br>R PLT<br>D LOC | 1 REPORT APPL<br>2 SAF RELATED<br>BF BL SQ WB | HISTORICAL<br>REPORT | CONCERN<br>ORIGIN | CONCERN DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                          | REF. SECTION<br>CAT - OP<br>SUBCAT - 311<br>REV. |
|---------------------------|-----------------|------------|--------------------------|-----------------------------------------------|----------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| X -85-098-00201<br>T50152 | OP              | 31104      | N SQN                    | 1 N N Y N<br>2 NA NA SR NA                    | I-85-615-SQN         | QTC               | SEQUOYAH - RADIATION AREAS ARE NOT M<br>ONITORED OFTEN ENOUGH. NUCLEAR POWE<br>R CONCERN. CI HAS NO ADDITIONAL INF<br>ORMATION. NO FOLLOWUP REQUIRED.                                                                                                                                                                                                                                                                                                        | 3.4<br>311.04-4                                  |
| X -85-101-00301<br>T50162 | OP              | 31102      | N SQN                    | 1 N Y Y Y<br>2 NA SR SR SR                    | I-85-543-SQN         | QTC               | SEQUOYAH- 1980, THERE WAS AN UNKNOWN<br>QUANTITY OF RADIOACTIVE WATER SPILL<br>ED INTO THE UNCONTROLLED DRAIN SYSTE<br>M DUE TO A VALVE ON A WATER SAMPLING<br>STATION IN THE TURBINE BUILDING BEI<br>NG LEFT OPEN. CONSTRUCTION DEPT CON<br>CERN. CI HAS NO FURTHER INFORMATION.<br>NO FOLLOWUP REQUIRED.                                                                                                                                                   | 3.2<br>211.02-2                                  |
| X -85-101-00401<br>T50162 | <b>ОР</b><br>(; |            | N SQN                    | 1 Y N Y Y<br>2 SR NA SR SR                    | I-85-652-SQN         | QTC               | SEQUOYAH- CI EXPRESSED THAT INSUFFIC<br>IENT ATTENTION TO DETAIL IS GIVEN IN<br>REGARDS TO MINIMIZING RADIATION EXP<br>OSURE. DUE TO THE POLICY OF REFUSIN<br>G OUTER GLOVES IN RADIATION AREAS, C<br>I HAS OBSERVED USED GLOVES, AVAILABL<br>E FOR REUSE, WHICH WERE COONTAMINATE<br>D TO A LEVEL 5 TIMES THAT OF THE ARE<br>A IN WHICH THE EMPLOYEE WAS WORKING.<br>CONSTRUCTION DEPT CONCERN. CI HAS<br>NO FURTHER INFORMATION. NO FOLLOWU<br>P REQUIRED. | 3.6<br>311.06-6                                  |
| X -85-102-00901<br>T50172 | OP              | 31101      | N BFN                    | 1 Y N Y Y<br>2 SR NA SR SR                    |                      | QTC               | BROWN'S FERRY: THE PERMANENT PLANT H<br>EALTH PHYSICS PEOPLE ARE POORLY TRAI<br>NED. CI DOES NOT FEEL THE PRESENT<br>HP STAFF HAS AN ADEQUATE KNOWLEDGE O<br>F WORKING IN RADIATED AREAS. NUCLLE<br>AR POWER DEPT. CONCERN. CI HAS NO A<br>DDITIONAL INFORMATION. NO FOLLOW UP<br>REQUIRED.                                                                                                                                                                  | 3.1<br>311.01-1                                  |
| X -85-102-01201<br>T50172 | OP              | 31101      | N SQN                    | 1 N N Y N<br>2 NA NA SR NA                    | I-85-734-SQN         | QTC               | SEQUOYAH: THE PERMANENT PLANT HEALTH<br>PHYSICS PERSONNEL ARE POORLY TRAINE<br>D. CI DUES NOT FEEL THE PRESENT HP<br>STAFF HAS AN ADEQUATE KNOWLEDGE OF<br>WORKING 1N RADIATED AREAS. NUCLEAR<br>POWER DEPT. CONCERN. CI HAS NO ADDI<br>TIONAL FORMATION. NO FOLLOW UP RE<br>QUIRED.                                                                                                                                                                         | 3.1<br>311.01-1                                  |
| 72 CONCERN                | S FOR           | CATEGO     | RY OP SU                 | BCATEGORY 311                                 |                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  |

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#### 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 Matcrial 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

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#### 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)

# <u>Issue 311.04-4 - Radiological Controls, Surveys, Decontamination, and</u> <u>Emergency Procedures</u>

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

#### Page 4 of 5

#### 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

<u>Issue 311.07-1 - Inadequate Provisions and Documentation to Protect Personnel</u> 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

#### SUBCATEGORY BIIOO REV. 1

#### ATTACHMENT C

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#### 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 of 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. Persionnel 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.
- 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.
- Timeliness of changes to commitments or changes to licensing/regulatory requirements.
- 23. Isolated incident.
- 24. Rendom error.
- 25. Other i.e., equipment related failure.

#### Page 1 of 1

#### 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, <u>Health Physics Staff Training</u>, 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)
- 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:

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

...

#### ATTACHMENT D, (Cont'd.)

For Element 311.05, <u>ALARA</u>, 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, <u>Radioactive Effluents/Uncontrolled Areas</u>, 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 8.8, 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.

Subcategory 31100 Revision 1

#### ATTACHMENT E SYMPTOMS VS ROOT CAUSES SUBCATEGORY 311

#### Symptoms

1. Procedural noncompliance.

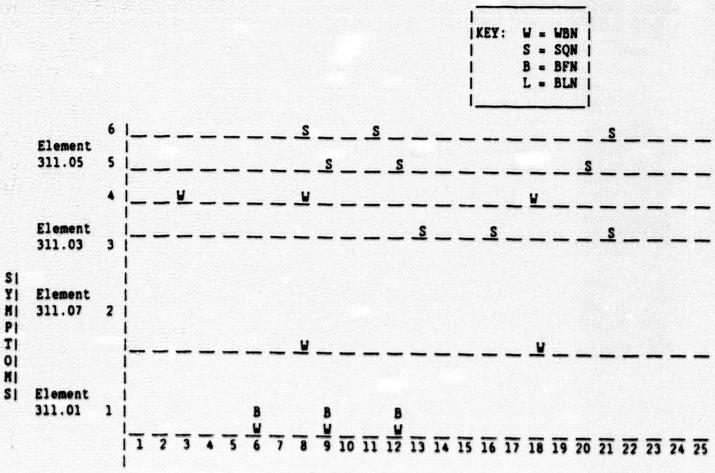
2. Inadequate design control (breathing air manifolds hookups)

3. Inadequate management accountability (RWP timesheet records)

4. Inadequate initial design (ALARA consideration)

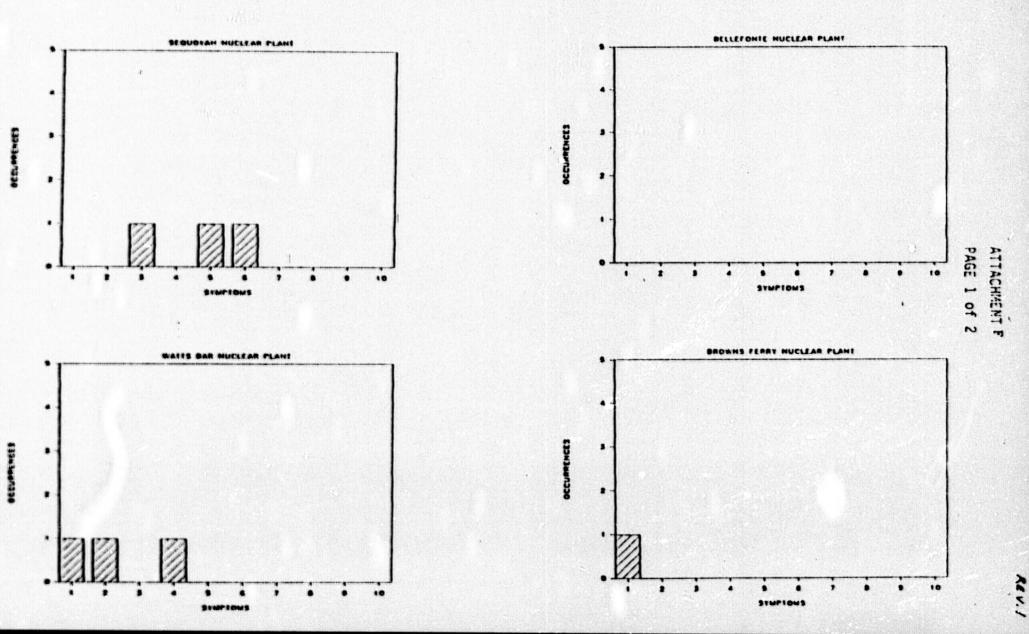
5. QA audits to Reg. Guide 8.8 at SQN

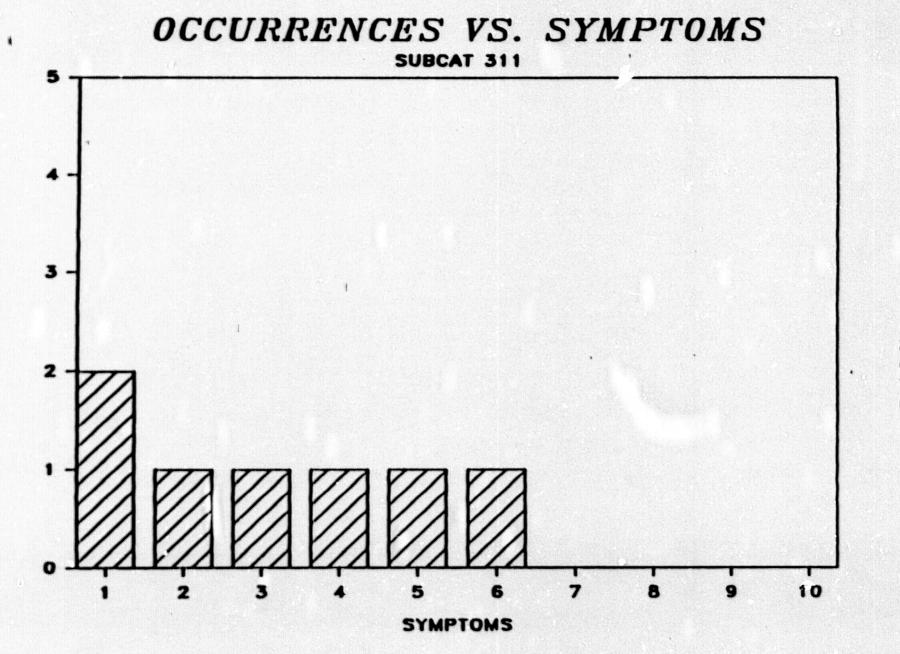
6. Failure to comply with commitments (ALARA time commitments)



Root Causes





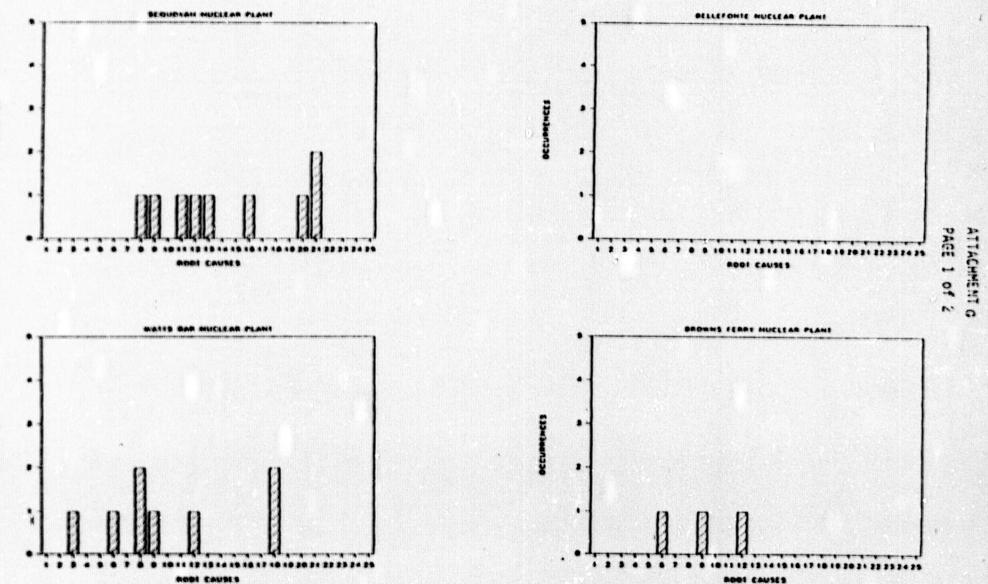


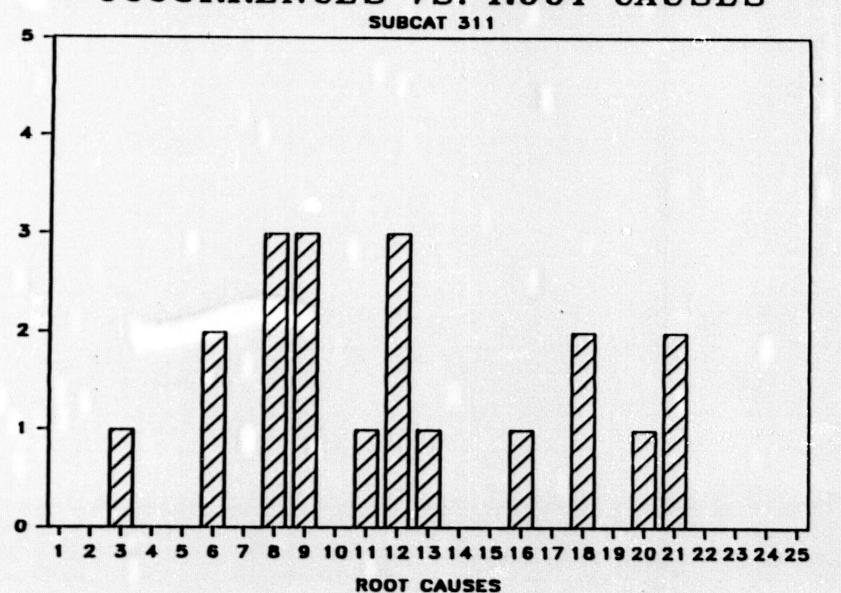
# OCCURRENCES

ATTACHMENT F

KEV. I

# OCCURRENCES VS. ROOT CAUSES SUBCAT 311





OCCURRENCES VS. ROOT CAUSES

OCCURRENCES

ATTACHMENT PAGE 2 of 2

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# ATTACHMENT H

# CORRECTIVE ACTION TRACKING DOCUMENTS (CATDs)

| CATD Number  | Corrective Action Plan<br>Received/Approved |
|--------------|---------------------------------------------|
| 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.: 311.00-WBN                                                                                     |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1.                | Immediate Corrective Action Reguired: D Yes DX No<br>Stop Work Recommended: D Yes D( No                                    |
| 3.                | CATD No. OP 31100-WBN-01 (IAR 1-OP311) 4. INITIATION DATE 01/27/87                                                         |
| 5.                | RESPONSIBLE ORGANIZATION: WBN Site Director                                                                                |
| 6.                | PROBLEM DESCRIPTION: D Q2 EX NQR WBNP - FS42 page 12.1-4<br>paragraph 4 starts in the middle of a thought; i.e., the first |
|                   | part (paragraphs 1-3) are disjoint to the other paragraphs on                                                              |
|                   | the page. There appears to be a section of text missing                                                                    |
|                   | specifically paragraph #4 discusses, "These data" of which only #4                                                         |
|                   | is given on the page.                                                                                                      |
|                   | D ATTACHMENTS                                                                                                              |
| 7.                | PREPARED BY: NAME Walt Strodl DATE: 01/27/87                                                                               |
| 8.                | CONCURRENCE: CEG-H ANN Strong 1. Hith to LAL DATE: 1/27/57                                                                 |
| 9.                | APPROVAL: ECTG PROGRAM MGR. C' DATE:                                                                                       |
| CORRECTIVE<br>10. | PROPOSED CORRECTIVE ACTION PLAN: The individual resolution of                                                              |
|                   | immediate action for 1-00311 will be accomplished by Final Safety                                                          |
| •                 | Analysis Report (FSAR) revision which will be submitted to the                                                             |
|                   | Nuclear Regulatory Commission (NRC) by March 16, 1987. Numerous                                                            |
|                   | inaccuracies in the Watts Bar FSAR have been documented under                                                              |
|                   | Significant Condition Report (SCR) GEN NEB 8602 and will be                                                                |
|                   | generically resolved by a comprehensive FSAR verification plan.                                                            |
|                   | The objective of the FSAR verification is both an updating to                                                              |
|                   | achieve accuracy and the development of an interface with the                                                              |
| CERES.            | change control programs for design and operations. This will                                                               |
| <b>自己的这一部</b> 是   | provide for the maintenance of FSAR accuracy. That plan is part of                                                         |
|                   | the Design Baseline and Licensing Verification Program which is                                                            |
|                   | clearly identified on the Watts Bar Integrated Schedule and is a                                                           |
|                   | prerequisite to fuel loading. DATTACHMENTS                                                                                 |

 11.
 PROPOSED BY:
 DIRECTOR/MGR:
 IZO 861217-963
 DATE:

 12.
 CONCURRENCE:
 CEG-H:
 DATE:
 DATE:

 SRP:
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#### VERIFICATION AND CLOSEOUT

 Approved corrective actions have been verified as satisfactorily implemented.

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# ECSP Corrective Action Tracking Document (CATD)

|                                                 | STATE PORT No.: 311.01-WBN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>INITIATION</u><br>1.<br>2.<br>3.<br>5.<br>6. | Applicable ECSP Report No.: <u>311.01-WBN</u><br>Immediate Corrective Action Required:<br>Stop Work Recommended:<br>Garb No. <u>OP 31101-WBN-01</u><br>RESPONSIBLE ORGANIZATION: <u>HP WBN</u><br>PROBLEN DESCRIPTION:<br>QR M NQR <u>Biannual feedback</u><br><u>questionnaire supplied by POTC in accordance with ATB Standerd</u><br><u>Practice TCT-12 has not been returned by Watts Bar Bealth</u><br><u>Physics Department. This CATD replaces IAN 6-OP311 issued 6-25-86.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | Physics Department. 1818 CAID representation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                 | DATE: 1-30-87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 7.<br>8.<br>9.                                  | PREPARED BY: NAME <u>Hike Hurphy</u><br>CONCURRENCE: CEG-H <u>/fum + Huth L with</u> DATE: <u>1-30-67</u><br>APPROVAL: ECIG PROGE 1 NGR. <u>APPROVAL</u> DATE: <u>1-30-57</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| COPPECTI                                        | TE ACTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 10.                                             | PROPOSED CORRECTIVE ACTION PLAN: See mine full kiel of the president of th |
|                                                 | Concernance with the contract determined that the present of the contract of t |
|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                 | DATTACHMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                              | DATE: DIRECTOR/MGR: 6 Tuting & Cold DATE: 2/13/87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 12                                              | DITE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | ECTG PROGRAM NGR: DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| VERIFI                                          | THE AND CLOSEDUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                 | <ol> <li>Approved corrective actions have been verified as satisfactorily<br/>implemented.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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# 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: D Yes D No                                             |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CATD No. 31101-SQN-01 4. INITIATION DATE 10-31-86                             |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ESPONSIBLE ORGANIZATION: POTC                                                 |
| 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PROBLEM DESCRIPTION: D QR E 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.                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | E ATTACHMENTS                                                                 |
| 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PREPARED FI: NAME H. W. Hurphy DATE: 10-31-86                                 |
| and the second se | CONCUERENCE: CEG-H Thomas 7. Hutte DATE: 10/31/86                             |
| 9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | APPROVAL: ECTG PROGRAM NGR. MUlchulant DATE:                                  |
| CORRECTIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ACTION                                                                        |
| <u>ootantorre</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                               |
| 10.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PROPOSED CORRECTIVE ACTION PLAN: SEE CAP TRANSMITTED                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | BY MEMORANDUA 553 861120 802                                                  |
| · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | in MEMORANDUM 333 BOIL CO 80 D                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
| 11.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PROPOSED BY: DIRECTOR/NGE: U.C. A. It. DATE: 11-21. VL                        |
| 12.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CONCURRENCE: CEG-H: Journe 7. Hith for whi DATE: 12/2/86                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SEP: DATE:                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DATE:                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DATE:                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DATE:                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ECTG PROGRAM MGR: DATE:                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
| VERIFICATI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ON AND CLOSEOUT                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
| 13.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                               |
| 13.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Approved corrective actions have been verified as satisfactorily implemented. |

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# ECSP Corrective Action Tracking Document (CATD)

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| INITIATION                            | Applicable ECSP Keport No.: 311.01-BFN                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.<br>2.<br>3.                        | Immediate Corrective Action Required:<br>Stop Work Recommended:<br>Yes K No<br>CATD No. <u>31101-NPS-01</u><br>EESPONSIBLE ORGANIZATION: <u>POTC</u><br>PROBLEM DESCRIPTION:<br>QR K NOR <u>A comparison of the require-</u><br>ments of ELT TSIL-3 and 6 to PMP 0202.12 revealed no deficiencies.<br>However, in the review of the implementation of the above require- |
| · · · · · · · · · · · · · · · · · · · | it was found that personnel hired as fully qualified by                                                                                                                                                                                                                                                                                                                  |
|                                       | ANSI-18.1 bypass the basic phase of training, and this bypass is not<br>reviewed or approved by the Office Training Committee as required                                                                                                                                                                                                                                |
| · · · · · · · · · ·                   | by PNP 0202.12                                                                                                                                                                                                                                                                                                                                                           |
|                                       | E ATTACHMENTS                                                                                                                                                                                                                                                                                                                                                            |
|                                       |                                                                                                                                                                                                                                                                                                                                                                          |
|                                       | PREPARED BY: NAME Mike Murphy DATE: 11-25-86<br>CONCURRENCE: CEG-E Jhome J. Hutte for WRL DATE: 1-16-87                                                                                                                                                                                                                                                                  |
| 8.                                    | APPROVAL: ECTG PROGRAM MGR. DWERLAND ON DATE: 1-27-87                                                                                                                                                                                                                                                                                                                    |
|                                       |                                                                                                                                                                                                                                                                                                                                                                          |
| COPPECTIVE                            | ACTION                                                                                                                                                                                                                                                                                                                                                                   |
|                                       |                                                                                                                                                                                                                                                                                                                                                                          |
|                                       | SEE ATTACHED MEMO                                                                                                                                                                                                                                                                                                                                                        |
|                                       | FCR DAP                                                                                                                                                                                                                                                                                                                                                                  |
| . • • • •                             |                                                                                                                                                                                                                                                                                                                                                                          |
|                                       | Verbal concurrence with T. Buth in meeting with D. Warren 3-31-87 Stu                                                                                                                                                                                                                                                                                                    |
|                                       | D ATTACHMENTS                                                                                                                                                                                                                                                                                                                                                            |
| 11.                                   | PROPOSED EY: DIRECTORANCE: (L. D. F. V. DATE: 3-12-87<br>CONCURRENCE: CEG-H: W.C. Ser DATE: 3-12-87<br>SEP: DATE:                                                                                                                                                                                                                                                        |
|                                       | DATE:                                                                                                                                                                                                                                                                                                                                                                    |
| : ·                                   | DATE:                                                                                                                                                                                                                                                                                                                                                                    |
|                                       | DATE:                                                                                                                                                                                                                                                                                                                                                                    |
| · · · · · · · · · · · · · · · · · · · | ECTG PROGRAM MGR: DATE:                                                                                                                                                                                                                                                                                                                                                  |
| VERIFICAT                             | ION AND CLOSEOUT                                                                                                                                                                                                                                                                                                                                                         |

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

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## ECSP Corrective Action Trecking Document (CATD)

| NITIATION         |                                                                                                                                                                                                               | Revision                                                                                                        |                        |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|
| 1.                | Immediate Corrective Action Required:                                                                                                                                                                         | No                                                                                                              |                        |
| 2.                | Stop Work Recommended:  Yes B No                                                                                                                                                                              |                                                                                                                 |                        |
| 3.                | CATD No. 311.03-SQN-01 4. INITIATION DA                                                                                                                                                                       | TE 10-                                                                                                          | 10-86                  |
| 5.                | RESPONSIBLE ORGANIZATION:                                                                                                                                                                                     | CANAL DE R                                                                                                      | a Salay and            |
| 6.                | PROBLEM DESCRIPTION: D QR D NQR <u>QA Record requin</u><br>timesheets is not clear. That should be covered                                                                                                    | rements<br>in GET.                                                                                              | for RWP                |
|                   |                                                                                                                                                                                                               |                                                                                                                 | -                      |
|                   |                                                                                                                                                                                                               |                                                                                                                 |                        |
| 気戸しい              |                                                                                                                                                                                                               | •                                                                                                               |                        |
|                   |                                                                                                                                                                                                               |                                                                                                                 | TACHMENTS              |
| 7.                | PREPARED BY: NAME T. W. White                                                                                                                                                                                 |                                                                                                                 | 10-10-86               |
| 8.                | CONCURRENCE: CEG-H W. L. Jog ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~                                                                                                                                              | Contraction of the second s | 10-14-56               |
| 9.                | APPROVAL: ECTG PROGRAM MGR.                                                                                                                                                                                   | DATE:                                                                                                           | 10-19-16               |
|                   |                                                                                                                                                                                                               | - DAIL.                                                                                                         |                        |
|                   |                                                                                                                                                                                                               |                                                                                                                 |                        |
| DRRECTIVE         | ACTION                                                                                                                                                                                                        |                                                                                                                 |                        |
| DRRECTIVE         | ACTION<br>PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.                                                                                                                         | tive act                                                                                                        | tion is                |
|                   | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.                                                                                                                                   | tive act                                                                                                        | ion is                 |
|                   | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct                                                                                                                                                             | tive act                                                                                                        | ion is                 |
|                   | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.                                                                                                                                   | tive act                                                                                                        | ion is                 |
|                   | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br><u>AP received</u> from report reviews.                                                                                        |                                                                                                                 | TTACHMENTS             |
| 10.               | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br>PAP received from report reviews.<br>PROPOSED BY: DIRECTOR/MGR: S03 860905 802                                                 |                                                                                                                 |                        |
| 10.               | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br><u>AP received</u> from report reviews.<br>PROPOSED BY: DIRECTOR/MGP: S03 860905 802<br>CONCURRENCE: CEG-H: W.K. Tang          |                                                                                                                 | TTACHMENTS             |
| 10.               | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br>PAP received from report reviews.<br>PROPOSED BY: DIRECTOR/MGR: S03 860905 802                                                 | A1                                                                                                              | TTACHMENTS<br>09/09/86 |
| 10.               | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br><u>AP received</u> from report reviews.<br>PROPOSED BY: DIRECTOR/MGP: S03 860905 802<br>CONCURRENCE: CEG-H: W.K. Tang          | DATE:<br>DATE:                                                                                                  | TTACHMENTS<br>09/09/86 |
| 11.               | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br><u>AP received</u> from report reviews.<br>PROPOSED BY: DIRECTOR/MGP: S03 860905 802<br>CONCURRENCE: CEG-H: W.K. Tang          | DATE:<br>DATE:<br>DATE:<br>DATE:                                                                                | TTACHMENTS<br>09/09/86 |
| 10.               | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br><u>AP received</u> from report reviews.<br>PROPOSED BY: DIRECTOR/MGP: S03 860905 802<br>CONCURRENCE: CEG-H: W.K. Tang          | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                                                       | TTACHMENTS<br>09/09/86 |
| 10.               | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br><u>AP received</u> from report reviews.<br>PROPOSED BY: DIRECTOR/MGP: S03 860905 802<br>CONCURRENCE: CEG-H: W.K. Tang          | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                                     | TTACHMENTS<br>09/09/86 |
| 10.<br>11.<br>12. | PROPOSED CORRECTIVE ACTION PLAN: Proposed correct<br>acceptable as written.<br><u>AP received</u> from report reviews.<br>PROPOSED BY: DIRECTOR/MGP: S03 860905 802<br>CONCURRENCE: CEG-H: W.K. Tang-<br>SRP: | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                   | TTACHMENTS<br>09/09/86 |

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#### ECSP Corrective Action Tracking Document (CATD)

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| INITIATION  | Applicable ECSP Report No: 311.04 SQN and                                                                                                                                                                                                                                                                                                                                                                                                                          | 311.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SQN                                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 1.          | Immediate Corrective Action Required:  Yes                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |
| 2.          | Stop Work Recommended:  Yes No                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
| 3.          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TE 10-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17-86                                 |
| 5.          | CATD No. 31104 SQN 014. INITIATION DA<br>RESPONSIBLE ORGANIZATION: SQN                                                                                                                                                                                                                                                                                                                                                                                             | Sales and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | and a standard and                    |
| 6.          | PROBLEM DESCRIPTION: D QR D NQR 1) RIR do not c                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
|             | attention of HP supervisors or SQN operations man                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
|             | are not being handled as a QA document by personne                                                                                                                                                                                                                                                                                                                                                                                                                 | in th                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | e field.                              |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TACHMENTS                             |
| 7.          | PREPARED BY: NAME Tom Huth                                                                                                                                                                                                                                                                                                                                                                                                                                         | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10-17-86                              |
| 8.          | CONCURRENCE: CEG-H j) K. Lann                                                                                                                                                                                                                                                                                                                                                                                                                                      | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10-20-86                              |
| 9.          | APPROVAL: ECTG PROGRAM MGR.                                                                                                                                                                                                                                                                                                                                                                                                                                        | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |
| 10.         | PROPOSED CORRECTIVE ACTION PLAN: XX-85-028-X03:<br>Procedures have been revised to reflect the current<br>determining/classifying RWP-timesheets as QA or not<br>all RWP-timesheets are retained as lifetime record<br>XX-8-5-026-001: Recommendation to distribute RIR<br>staff has been incorporated (first communications<br>9/29/86) and will be issued each quarter. In the<br>sheet will be mailed to the plant manager as a post<br>for his weekly meeting. | nt statu<br>on-QA; h<br>is.<br>summari<br>mailed<br>future                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | es to HP<br>for review<br>the summery |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TACHMENTS                             |
| 11.         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10-14-86                              |
| 12.         | CONCURRENCE: CEG-H: W.K. Long                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul> <li></li> <li></li></ul> | 10.20-41                              |
|             | SRP:                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Protection to a                       |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CONTRACT NO. 2                        |
| 98 S.       | ECTG PROGRAM MGR:                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |
| VERIFICATIO | ON AND CLOSEOUT                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |

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

#### ECSP Corrective Action Tracking Document (CATD)

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| ITIATION                                                                                                        | Applicable ECSP Report No.: 311.05-WBN                                                                | NOLES AND                                          |             |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------|
| 1.                                                                                                              | Immediate Corrective Action Required: 🗆 Yes 🖬                                                         | No .                                               |             |
| 2.                                                                                                              | Stop Work Recommended: D Yes B- No                                                                    |                                                    |             |
| 3.                                                                                                              | CATD No. OP 31105-WBN-01 4. INITIATION DAT                                                            |                                                    |             |
| 5.                                                                                                              | RESPONSIBLE ORGANIZATION: Modifications Engineer S                                                    | Superv.                                            | , Section C |
| 6.                                                                                                              | PROBLEM DESCRIPTION: D QR ELNQE This CATD was in<br>to track the closure of ECN 6115 to modify the SG | platfo                                             | ed          |
|                                                                                                                 |                                                                                                       |                                                    |             |
|                                                                                                                 |                                                                                                       | <b>54.</b> A7                                      | TACHMENTS   |
| 7.                                                                                                              | PREPARED BY: NAME J. H. Lichards                                                                      | DATE:                                              |             |
| 8.                                                                                                              |                                                                                                       | DATE:                                              | 2/3/87      |
| the second se | ADDREAM DECTO DECEDIN NOD                                                                             | DATE:                                              |             |
| 9.                                                                                                              | APPROVAL: ECTG PROGRAM NGR.                                                                           | DELE:                                              |             |
| RECTIVE                                                                                                         | ACTION                                                                                                |                                                    |             |
|                                                                                                                 |                                                                                                       | N 6115                                             |             |
| RECTIVE                                                                                                         | PROPOSED CORRECTIVE ACTION PLAN: Closure of ECH                                                       | N 6115                                             |             |
| RECTIVE                                                                                                         | PROPOSED CORRECTIVE ACTION PLAN: Closure of ECH                                                       | N 6115                                             |             |
| <u>erecfive</u><br>10.                                                                                          | PROPOSED CORRECTIVE ACTION PLAN: Closure of ECM<br>adequately address the concern in ECSP Report Numb | N 6115<br>Der 311                                  |             |
| <u>PERECFIVE</u><br>10.                                                                                         | PROPOSED BY: DIRECTOR/NGE; TRACKING OWLY                                                              | 0 A:<br>DATE:                                      | 05-WBN.     |
| <u>erecfive</u><br>10.                                                                                          | PROPOSED BY: DIRECTOR/MGE: TRACKING DWIY<br>CONCURRENCE: CEG-H: TRACKING DWIY                         | 0 6115<br>Der 311<br>DATE:<br>DATE:                | 05-WBN.     |
| <u>erecyive</u><br>10.                                                                                          | PROPOSED BY: DIRECTOR/NGE; TRACKING OWLY                                                              | DATE:<br>DATE:<br>DATE:                            | 05-WBN.<br> |
| <u>PRECYIVE</u><br>10.                                                                                          | PROPOSED BY: DIRECTOR/MGE: TRACKING DWIY<br>CONCURRENCE: CEG-H: TRACKING DWIY                         | DATE:<br>DATE:<br>DATE:<br>DATE:                   | 05-WBN.<br> |
| <u>erecyive</u><br>10.                                                                                          | PROPOSED BY: DIRECTOR/MGE: TRACKING DWIY<br>CONCURRENCE: CEG-H: TRACKING DWIY                         | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE: | 05-WBN.     |
| <u>erecsive</u><br>10.                                                                                          | PROPOSED BY: DIRECTOR/MGE: TRACKING DWIY<br>CONCURRENCE: CEG-H: TRACKING DWIY                         | DATE:<br>DATE:<br>DATE:<br>DATE:                   | 05-WBN.     |

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

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#### ECSP Corrective Action Tracking Document (CATD)

| INITIATION                 | Applicable ECSP Report No: 311.05-WBN                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                     |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------|
| 1.<br>2.<br>3.<br>5.<br>6. | Immediate Corrective Action Required:<br>Stop Work Recommended:<br>Yes No<br>CATD No. OP 31105-WBN-02<br>(A. INITIATION DAT<br>RESPONSIBLE ORGANIZATION: ALARA/HP Section Supering<br>PROBLEM DESCRIPTION:<br>QR NOR<br>Panel O-L-14 will be moved from a potentially high<br>to the outside corridor panel O-L-316, an area of<br>Please provide the current status and the schedule<br>document for implementing this corrective action. | radiat<br>ntenden<br>radiat<br>low rad<br>and tr | ion area<br>iation. |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
| e                          |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | TACHMENTS           |
| 7.                         | PREPARED BY: NAME J. M. Richards                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | 01-22-87            |
| 00 8.                      | CONCURRENCE: CEG-H +1k - Thimmes J. H. E. In WIRL                                                                                                                                                                                                                                                                                                                                                                                          | DATE:                                            | 2/2/87              |
| 9.                         | APPROVAL: ECTG PROGRAM MGR. Quisteur of F                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |                     |
| 39.02.12.1                 |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
| CORRECTIVE                 | ACTION                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |                     |
| 10.                        | PROPOSED CORRECTIVE ACTION PLAN:                                                                                                                                                                                                                                                                                                                                                                                                           | <u>.</u>                                         |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | TACHMENTS           |
| 11.                        | PROPOSED BY: DIRECTOR/MGR: Contation : in the                                                                                                                                                                                                                                                                                                                                                                                              |                                                  | 2/11/27             |
| 12.                        | CONCURRENCE: CEG-H:                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  | 2-20-37             |
|                            | SRP:                                                                                                                                                                                                                                                                                                                                                                                                                                       | DATE:                                            |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE:                                            |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE:                                            |                     |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE:                                            |                     |
|                            | ECTG PROGRAM MGR:                                                                                                                                                                                                                                                                                                                                                                                                                          | DATE:                                            |                     |
| VERIFICATI                 | ON AND CLOSEOUT                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                     |

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

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## ECSP Corrective Action Tracking Document (CATD)

| INITIATION     | Applicable ECSP Report No: 311.05-WBN                                                                                                                                                                   |     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1.<br>2.<br>3. | Immediate Corrective Action Required: D Yes DR No<br>Stop Work Recommended: D Yes EQ No<br>CATD No. <u>OP 31105-WBN-03</u> 4. INITIATION DATE <u>01-22-87</u>                                           |     |
| 5.             | RESPONSIBLE ORGANIZATION: Modifications Engineer Supv. Section B<br>PROBLEM DESCRIPTION: D QR E NQR                                                                                                     |     |
|                | This CATD was initiated to track the closure of ECN 6005, which<br>will provide newer, more reliable equipment in order to reduce<br>man-hours and radiation exposure during calibration or maintenance | ce. |
| 9 5            |                                                                                                                                                                                                         |     |
|                |                                                                                                                                                                                                         |     |
| 7.             | PREPARED BY: NAME J. M. Richards / DATE: 01-22-87                                                                                                                                                       | ī   |
| 8.<br>9.       | CONCUERENCE: CEG-H MAM _ Thome 7 Huth DATE: 2/3/4<br>APPROVAL: ECTG PROGRAM NGR DATE:                                                                                                                   |     |
| CORRECTIVE     | ACTION                                                                                                                                                                                                  |     |
| 10.            | PROPOSED CORRECTIVE ACTION PLAN: <u>Closure of ECN 6005 will</u><br>adequately address the concern in ECSP Report Number 311.05-WBN.                                                                    |     |
| Na             |                                                                                                                                                                                                         | _   |
|                |                                                                                                                                                                                                         | _   |
|                | D ATTACHMENT                                                                                                                                                                                            | 5   |
| 11.<br>12.     | PROPOSED BY: DIRECTOR/HGE, TRACKING ONIY DATE: 2/3/8<br>CONCURRENCE: CEG-R: The Futh DATE: 2/3/8<br>SRP: DATE:                                                                                          |     |
|                | DATE:                                                                                                                                                                                                   |     |
| VERIFICATIO    | ECTG PROGRAM NGR: DATE: DATE:                                                                                                                                                                           |     |
|                | Approved corrective actions have been verified as satisfactorily                                                                                                                                        |     |

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#### ECSP Corrective Action Tracking Document (CATD)

| INITIATION               | Applicable ECSP Report No:                                             |                                                                                                                | 1                                                 |                                       |
|--------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------|
| 1.                       | Immediate Corrective Action Required:                                  |                                                                                                                | No                                                |                                       |
| 2.                       | Stop Work Recommended: 🗆 Yes 🗶 M                                       |                                                                                                                |                                                   |                                       |
| 3.                       |                                                                        | INITIATION DA                                                                                                  |                                                   |                                       |
| 5.                       | RESPONSIBLE ORGANIZATION: ALARA/HP Se                                  | ection Superin                                                                                                 | itendent                                          | - WIN                                 |
| 6.                       | PROBLEM DESCRIPTION:  QR NOR  Please provide the current status and    | the schedule                                                                                                   | and tr                                            | acking                                |
|                          | document for installing T-bar barrica                                  |                                                                                                                |                                                   | r ducts                               |
|                          | for the regenerative heat exchangers                                   | in unit 1 at                                                                                                   | WBN.                                              |                                       |
| 1.1.1                    |                                                                        | •                                                                                                              | 123,001-01                                        |                                       |
|                          |                                                                        |                                                                                                                |                                                   |                                       |
|                          |                                                                        |                                                                                                                |                                                   |                                       |
| a service and            |                                                                        |                                                                                                                |                                                   | B. OUMPUTC                            |
| 7.                       | PREPARED BY: NAME J. M. Richards                                       |                                                                                                                |                                                   | TACHMENTS<br>01-22-87                 |
| 8.                       | CONCURRENCE: CEG-H fill Chemes J.                                      | HATIN                                                                                                          |                                                   | 2/3/87                                |
|                          | APPROVAL: ECTG PROGRAM MGR. Distotte                                   | the second s | <ul> <li>Charles of the control of the</li> </ul> | 214/57                                |
|                          |                                                                        | uty J. · ·                                                                                                     | - DALE.                                           | CI TI. /                              |
| 9.                       | ATTROTAL DOTO TROOMAN NORT                                             |                                                                                                                |                                                   |                                       |
|                          |                                                                        |                                                                                                                |                                                   | •                                     |
| 9.<br><u>Corréctive</u>  |                                                                        |                                                                                                                |                                                   |                                       |
| CORRECTIVE               |                                                                        |                                                                                                                |                                                   |                                       |
| CORRECTIVE               | ACTION                                                                 | · · · · · ·                                                                                                    |                                                   | · · ·                                 |
| CORRECTIVE               | ACTION                                                                 |                                                                                                                | · ·                                               | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 |                                                                                                                | ·                                                 | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 | - · · · · · · · · · · · · · · · · · · ·                                                                        |                                                   | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 | · · · · · · · · · · · · · · · · · · ·                                                                          | ·                                                 | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 | · · · · ·                                                                                                      | ·                                                 | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 |                                                                                                                |                                                   | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 |                                                                                                                | ·                                                 | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 |                                                                                                                |                                                   | · · · · · · · · · · · · · · · · · · · |
| CORRECTIVE               | ACTION                                                                 |                                                                                                                |                                                   |                                       |
| CORRECTIVE               | ACTION                                                                 | TT- V Luc                                                                                                      |                                                   | TACHMENTS<br>2/19 87                  |
| <u>CORRECTIVE</u><br>10. | ACTION PROPOSED CORRECTIVE ACTION PLAN                                 |                                                                                                                | - DATE:                                           | 2/11/87                               |
| <u>COPRĒCTIVE</u><br>10. | ACTION PROPOSED CORRECTIVE ACTION PLAN                                 | tin X Du                                                                                                       | - DATE:                                           |                                       |
| COPRECTIVE<br>10.        | ACTION PROPOSED CORRECTIVE ACTION PLAN PROPOSED BY: DIRECTOR/MGR: CHAR | ten X Du                                                                                                       | DATE:<br>DATE:                                    | 2/11/87                               |
| COPRECTIVE<br>10.        | ACTION PROPOSED CORRECTIVE ACTION PLAN PROPOSED BY: DIRECTOR/MGR: CHAR | ten X Lux                                                                                                      | DATE:<br>DATE:<br>DATE:                           | 2/11/87                               |
| COPRECTIVE<br>10.        | ACTION PROPOSED CORRECTIVE ACTION PLAN PROPOSED BY: DIRECTOR/MGR: CHAR | tim X ÚW                                                                                                       | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:         | 2/11/87                               |

 Approved corrective actions have been verified as satisfactorily implemented.

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## ECSP Corrective Action Tracking Document (CATD)

| INITIATION                 | Applicable ECSP Report No: 311.05-WBN                                                                                                                                                                                                                                                                 | _  |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 1.<br>2.<br>3.<br>5.<br>6. | Immediate Corrective Action Required:<br>Stop Work Recommended:<br>CATD No. OP 31105-WBN-05<br>RESPONSIBLE ORGANIZATION:<br>PROBLEM DESCRIPTION:<br>QR QL NQR<br>A new interfacing of SIS accumulator instrumentation being design<br>by Westinghouse will reduce safety hazards, save man-hours, and | ed |
|                            | reduce exposure as described in WB-DCR 633. This CATD was<br>initiated to track the closure of DCR 633.                                                                                                                                                                                               |    |
|                            | E ATTACHMENT                                                                                                                                                                                                                                                                                          | S  |
| 7.                         | PREPARED BY: NAME J. M. Richards / DATE: 01-22-8                                                                                                                                                                                                                                                      |    |
| 8.                         | CONCURRENCE: CEG-H ANN JAmos F. Huth DATE: 2/3/1                                                                                                                                                                                                                                                      | 77 |
| 9.                         | APPROVAL: ECTG PROGRAM NGR DATE:                                                                                                                                                                                                                                                                      |    |
| CORRECTIVE                 | ACTION                                                                                                                                                                                                                                                                                                |    |
| 10.                        | PROPOSED CORRECTIVE ACTION PLAN: <u>Closure of DCR 633 will</u><br>adequately address the concern in ECSP Report Number 311.05-WBN.                                                                                                                                                                   |    |
| ,,                         |                                                                                                                                                                                                                                                                                                       |    |
| 11.<br>12.                 | PROPOSED BY: DIRECTOR/NGR: Tracking Con/y DATE: 2/3/8<br>CONCURRENCE: CEG-H: Armo 7 Huth DATE: 2/3/8<br>SEP: DATE:                                                                                                                                                                                    |    |
|                            | DATE:                                                                                                                                                                                                                                                                                                 |    |
|                            | DATE:                                                                                                                                                                                                                                                                                                 |    |
|                            | DATE:                                                                                                                                                                                                                                                                                                 | 1  |
|                            | ECTG PROGRAM MGR: DATE:                                                                                                                                                                                                                                                                               |    |
| VERIFICATIO                | ON AND CLOSEOUT                                                                                                                                                                                                                                                                                       |    |
|                            |                                                                                                                                                                                                                                                                                                       |    |

 Approved corrective actions have been verified as satisfactorily implemented.

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#### ECSP Corrective Action Tracking Document (CATD)

| ITIATION                     | Applicable ECSP Report No:                                                                                                                                                                                                                      | 311.05-WBN                                                                                                                          |                              |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1.                           | Immediate Corrective Action Required:                                                                                                                                                                                                           | I Tes E No                                                                                                                          |                              |
| 2.                           | Ston Work Recommended: D Yes D                                                                                                                                                                                                                  | io                                                                                                                                  |                              |
| 3.                           | CATD No. OP 31105-WBN-06 4.                                                                                                                                                                                                                     | INITIATION DATE 01-2                                                                                                                | 22-87                        |
| 5.                           | RESPONSIBLE ORGANIZATION: Health Phy                                                                                                                                                                                                            | sics Section                                                                                                                        | a Company and a start of the |
| 6.                           | PROBLEM DESCRIPTION: D QR Q NOR TI                                                                                                                                                                                                              | is CATD was initiate                                                                                                                | d                            |
|                              | to track the closure of the disposit                                                                                                                                                                                                            | ion of each deficient                                                                                                               | cy in                        |
|                              | the ALARA walkdown (CCTS No. NCO-85-                                                                                                                                                                                                            | 0257-009).                                                                                                                          |                              |
|                              |                                                                                                                                                                                                                                                 |                                                                                                                                     |                              |
|                              |                                                                                                                                                                                                                                                 |                                                                                                                                     |                              |
|                              |                                                                                                                                                                                                                                                 |                                                                                                                                     |                              |
|                              |                                                                                                                                                                                                                                                 |                                                                                                                                     | TACHMENT                     |
| . 7.                         | PREPARED BY: NAME J. M. Richards                                                                                                                                                                                                                | DATE:                                                                                                                               | 01-22-87                     |
| 8.                           | CONCUERENCE: CEG-H MAM Theme                                                                                                                                                                                                                    | 7 Nutho DATE:                                                                                                                       | 2/2/8                        |
|                              |                                                                                                                                                                                                                                                 |                                                                                                                                     | THE CONTRACTOR OF STREET     |
| 9.                           | APPROVAL: ECTG PROGRAM MGR.                                                                                                                                                                                                                     | DATE:                                                                                                                               |                              |
|                              | APPROVAL: ECTG PROGRAM MGR.                                                                                                                                                                                                                     | DATE:                                                                                                                               | •                            |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:                                                                                                                                                                        | DATE:                                                                                                                               |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:                                                                                                                                                                        | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuately                                                                       |                              |
| 9.<br><u>RRECTIVE</u>        | APPROVAL: ECTG PROGRAM MGR.<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025                                                                                                                               | DATE:<br><u>losure of NRC Deviat</u><br>7-009 will adecuatel:<br>umber 311.05-WBN.                                                  |                              |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGRACTION PROPOSED CORRECTIVE ACTION PLAN:                                                                                                                                                                               | DATE:<br>losure of NRC Deviat<br>7-009 will adecuatel;<br>umber 311.05-WBN.                                                         | TACHMENT                     |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025<br>address the concern in ECSP Report N<br><br>PROPOSED BY: DIRECTOR/NGR:,<br>PROPOSED BY: DIRECTOR/NGR:,<br>TRACK             | DATE:<br>losure of NRC Deviat<br>7-009 will adecuatel:<br>umber 311.05-WBN.<br>DATE:<br>DATE:                                       | TACHMENT:<br>2/3/8           |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025<br>address the concern in ECSP Report N<br><br>PROPOSED BY: DIRECTOR/MGR:<br>PROPOSED BY: DIRECTOR/MGR:<br>CONCURRENCE: CEG-H: | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                              | TACHMENTS                    |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025<br>address the concern in ECSP Report N<br><br>PROPOSED BY: DIRECTOR/NGR:,<br>PROPOSED BY: DIRECTOR/NGR:,<br>TRACK             | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                                       | TACHMENTS                    |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025<br>address the concern in ECSP Report N<br><br>PROPOSED BY: DIRECTOR/MGR:<br>PROPOSED BY: DIRECTOR/MGR:<br>CONCURRENCE: CEG-H: | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                              | TACHMENTS                    |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025<br>address the concern in ECSP Report N<br><br>PROPOSED BY: DIRECTOR/MGR:<br>PROPOSED BY: DIRECTOR/MGR:<br>CONCURRENCE: CEG-H: | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE: | TACHMENTS                    |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN:<br>390/85-33-01 and CCTS No. NCO-85-025<br>address the concern in ECSP Report N<br><br>PROPOSED BY: DIRECTOR/MGR:<br>PROPOSED BY: DIRECTOR/MGR:<br>CONCURRENCE: CEG-H: | DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                              | TACHMENTS                    |

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

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#### ECSP Corrective Action Tracking Document (CATD)

| TATION                       |                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                           | Immediate Corrective Action Required: 🗆 Yes 🖬 No                                                                                              |
| 2.                           | The No                                                                                                                                        |
| 3.                           | CATD No. 31105 SON 01 4. INITIATION DATE 10-17-86                                                                                             |
| 5.                           | PREPONSTBLE ORGANIZATION: Health Physics - 2024/                                                                                              |
| 6.                           | PROBLEM DESCRIPTION: [] OF M MOR Based on MOALE Branch Report                                                                                 |
|                              | ors A_86-0022-D02, the ALARA suggestion program is not being                                                                                  |
|                              | implemented in accordance with Standard Practice SQA-145. Ibe RPP                                                                             |
|                              | and the referenced Standard Practice require that incentives and                                                                              |
|                              | and a second for employees to participate in the suggestion program                                                                           |
|                              | be arounded NPC 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).                                                                                                                                |
|                              | D ATTACHMENTS                                                                                                                                 |
| 7.                           | PREPARED BY: NAME Brends R. Southerland DATE: 10-17-86                                                                                        |
|                              | CONCURRENCE: CEG-H W.P. Sanger DATE: 10-21-96                                                                                                 |
| 8.                           | LUNCUBALNUL, OLO II ATTISCHE                                                                                                                  |
| 9.                           | APPROVAL: ECTG PROGRAM NGR. 11 MUKALON DATE: 10.23-80<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM                            |
| 9.<br>RECTIVE                | APPROVAL: ECTG PROGRAM NGR. 11 MUKALON DATE: 10-23-80                                                                                         |
| 9.<br><u>Rrectivi</u>        | APPROVAL: ECTG PROGRAM NGR. 11 MUKALON DATE: 10.23-80<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM                            |
| 9.<br>RECIIVE<br>10.         | APPROVAL:         ECTG PROGRAM NGR.         II MUKALON         DATE:         10-23-80           ACTION           SCS MEMORANDUM               |
| 9.<br><u>RECTIVE</u><br>10.  | APPROVAL: ECTG PROGRAM NGR DATE: 10-23-10<br>ACTION PROPOSED CORRECTIVE ACTION PLAN: SEG MEMORAN DUM                                          |
| 9.<br>RECIIVE<br>10.         | APPROVAL: ECTG PROGRAM NGR DATE: 10-23-50<br>ACTION PROPOSED CORRECTIVE ACTION PLAN: SET MEMORANDUM                                           |
| 9.<br>RECIIVE<br>10.         | APPROVAL: ECTG PROGRAM NGR DATE: 10-23-50<br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN: SET MEMORANDUM<br>                                    |
| 9.<br>RECIIVE<br>10.         | APPROVAL: ECTG PROGRAM NGR DATE: 10-23-50<br>ACTION PROPOSED CORRECTIVE ACTION PLAN: SET MEMORANDUM                                           |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR. <u>II MUKALOV</u> DATE: <u>10-73-50</u><br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN: <u>SETE MEMORAN DUM</u><br> |
| 9.<br><u>RRECTIVE</u><br>10. | APPROVAL: ECTG PROGRAM MGR. <u>II MUKALOV</u> DATE: <u>10-73-50</u><br>ACTION<br>PROPOSED CORRECTIVE ACTION PLAN: <u>SETE MEMORAN DUM</u><br> |

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

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#### ECSP Corrective Action Tracking Document (CATD)

| INITIATION                 | Applicable ECSP Report No: 311.05 SQN                                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.<br>2.<br>3.<br>5.<br>6. | Immediate Corrective Action Required:<br>Stop Work Recommended:<br>CATD No. <u>31105 SQN 02</u><br>RESPONSIBLE ORGANIZATION: <u>Bealth Physics - SQA/</u><br>PROBLEM DESCRIPTION:<br>QR M MQR <u>Based on NQALE Branch Report</u><br>QSS-A-86-0022-D03, the annual ALARA reports are not submitted, as |
|                            | QSS-A-86-0022-D03, the annual Alaka reports are not publicated of the required by the RPB within 90 days to the Manager of Nuclear Power.<br>SQN was late in providing reports in 1983, 1984, and 1985.                                                                                                |
|                            |                                                                                                                                                                                                                                                                                                        |
|                            |                                                                                                                                                                                                                                                                                                        |
| 7.                         | PREPARED BI: NAME DIENGE A: DOBEMETICAS                                                                                                                                                                                                                                                                |
| 8.                         | CONCURRENCE: CEG-H U.Q. DATE: 10-21-82<br>APPROVAL: ECTG PROGRAM HGR                                                                                                                                                                                                                                   |
| 9.                         | APPROVAL: BUIG PROGRAM MOR                                                                                                                                                                                                                                                                             |
| CORRECTIVE                 | ACTION                                                                                                                                                                                                                                                                                                 |
|                            | PROPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM                                                                                                                                                                                                                                                        |
| 10.                        | PROPOSED CORRECTIVE ACTION PLAN:                                                                                                                                                                                                                                                                       |
|                            | 510 861117 842 503 861128 810 14                                                                                                                                                                                                                                                                       |
|                            |                                                                                                                                                                                                                                                                                                        |
|                            |                                                                                                                                                                                                                                                                                                        |
|                            |                                                                                                                                                                                                                                                                                                        |
|                            |                                                                                                                                                                                                                                                                                                        |
|                            |                                                                                                                                                                                                                                                                                                        |
|                            | D ATTACHMENTS                                                                                                                                                                                                                                                                                          |
|                            | PROPOSED BY DIBECTOR/NGR: H. & Kathin / th DETE: 1/2004                                                                                                                                                                                                                                                |
| 19                         | CONCURRENCE: CEG-E:                                                                                                                                                                                                                                                                                    |
|                            | SEP: DATE:                                                                                                                                                                                                                                                                                             |
|                            | DATE:                                                                                                                                                                                                                                                                                                  |
|                            | DATE:                                                                                                                                                                                                                                                                                                  |
|                            | DATE:                                                                                                                                                                                                                                                                                                  |
|                            | ECTG PROGRAM NGE: DATE:                                                                                                                                                                                                                                                                                |
|                            |                                                                                                                                                                                                                                                                                                        |
| VERIFICAT                  | ION AND CLOSEOUT                                                                                                                                                                                                                                                                                       |

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

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Page 1 of 1 Revision 2

# ECSP Corrective Action Tracking Document (CATD)

|                   | Applicable ECSP Report No: 311.05 SQN<br>Immediate Corrective Action Required: D Yes & No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 1.                | a that Becommended: I Yes B NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                  |
| 2.                | CATD No. 31105 SQN 03 4. INITIATION DATE 10-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 17-86                                                                                                            |
| 3.                | RESPONSIBLE ORGANIZATION: Health Physics - SQN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                  |
| 5.                | A RECENTATION OR BONOR Based ON NUALE REPORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | and the second second                                                                                            |
| 6.                | and a program be ALARA program prepianning report i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | equirements                                                                                                      |
|                   | de not adoquetely address Regulation Guide 8.8 requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LE TOP                                                                                                           |
|                   | depentemination suriliary lighting pre-job brieling, and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | post-job                                                                                                         |
|                   | review NRC reports also indicates weakness in the SQN P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LARA                                                                                                             |
|                   | itter norious of pre and post job assessments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 - Martin Barris and States of the                                                                              |
|                   | (Reports 50-327/86-04, 50-328/86-04, 50-327/86-36, and 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -328/86-36)                                                                                                      |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | and the second |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TTACHMENTS                                                                                                       |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10-17-86                                                                                                         |
| 7.                | DATE: DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10-21-86                                                                                                         |
| 8.                | APPROVAL: ECTG PROGRAM MGR. MUKuloy. DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10-23-86                                                                                                         |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TTACHMENTS                                                                                                       |
| 11.               | PROPOSED BY: DIRECTOR/MSR: H.G. Parki / DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11-28-26                                                                                                         |
|                   | PROPOSED BY: DIRECTOR/MSR: H.B. Rak: / DATE:<br>CONCURRENCE: CEG-H: Thomas F.H.th. In WEL DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
| 11.<br>12.        | PROPOSED BY: DIRECTOR/MSR: H.G. R. K. / DATE:<br>CONCURRENCE: CEG-H: Jhome F.H. th. f. URL DATE:<br>SRP: DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11-25-5-6<br>12/4/86                                                                                             |
|                   | PROPOSED BY: DIRECTOR/MSR: <u>H.B. Raki /h</u> DATE:<br>CONCURRENCE: CEG-H: <u>Jhomes</u> F. A.th. fr WAL DATE:<br>SRP: DATE:<br>DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11-28-56<br>12/4/86                                                                                              |
|                   | PROPOSED BY: DIRECTOR/MSR: <u>H.B. Raki / Date</u> :<br>CONCURRENCE: CEG-H: <u>Thoms F.H.th.</u> <u>Late</u> Date:<br>SRP: <u>Date</u> :<br>Date:<br>Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11-25-56<br>12/4/86                                                                                              |
|                   | PROPOSED BY: DIRECTOR/MGR: <u>H.G. R. K. / </u> DATE:<br>CONCURRENCE: CEG-H: <u>Jhomes F.H. th.</u> <u>Jewel</u> DATE:<br>SRP: <u>DATE:</u><br>DATE:<br>DATE:<br>DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11-25-5-6<br>12/4/86                                                                                             |
|                   | PROPOSED BY: DIRECTOR/MSR: <u>H.B. Raki / Date</u> :<br>CONCURRENCE: CEG-H: <u>Thoms F.H.th.</u> <u>Late</u> Date:<br>SRP: <u>Date</u> :<br>Date:<br>Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11-25-5-6<br>12/4/86                                                                                             |
|                   | PROPOSED BY: DIRECTOR/MGR: <u>H.G. R. K. / </u> DATE:<br>CONCURRENCE: CEG-H: <u>Jhomes F.H. th.</u> <u>Jewel</u> DATE:<br>SRP: <u>DATE:</u><br>DATE:<br>DATE:<br>DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11-25-5-6<br>12/4/86                                                                                             |
| 12.               | PROPOSED BY: DIRECTOR/MGR: <u>H.G. R. K. / </u> DATE:<br>CONCURRENCE: CEG-H: <u>Jhomes F.H. th.</u> <u>Jewel</u> DATE:<br>SRP: <u>DATE:</u><br>DATE:<br>DATE:<br>DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11-25-5-6<br>12/4/86                                                                                             |
| 12.               | PEOPOSED BY: DIRECTOR/MGR:<br>CONCURRENCE: CEG-H: <u>Jhome F.H.th.</u> <u>Late</u> Date:<br>SRP: DATE:<br>DATE: DATE:<br>DATE: DATE:<br>DATE: DATE: DATE:<br>DATE: DATE:                   | 11-25-5-6<br>12/4/86                                                                                             |
| 12.               | PEOPOSED BY: DIRECTOR/MGR: <u>H.G. Raki /h</u> DATE:<br>CONCURRENCE: CEG-H: <u>Jhome F.H.th.</u> <u>H.ukl</u> DATE:<br>SRP: DATE:<br>DATE:<br>DATE:<br>DATE:<br>DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11-25-5-6<br>12/4/86                                                                                             |
| 12.<br>VERIFICAT: | PEOPOSED BY: DIRECTOR/MGR:<br>CONCURRENCE: CEG-H: <u>Jhome F.H.th.</u> <u>Late</u> Date:<br>SRP: DATE:<br>DATE: DATE:<br>DATE: DATE:<br>DATE: DATE: DATE:<br>DATE: DATE: | 11-25-5-6<br>12/4/86                                                                                             |

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#### ECSP Corrective Action Tracking Document (CATD)

| INITIATION                        | Applicable ECSP Report No: 311.05 SQN                                                                                                                                                                                                                              |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | Immediate Corrective Action Required: 🗆 Yes 🖪 No                                                                                                                                                                                                                   |
| Care of Care of Charles in a con- | Stop Work Recommended: D Yes E No                                                                                                                                                                                                                                  |
| 2.                                | CATD No. 31105 SQN 04 4. INITIATION DATE 10-17-86                                                                                                                                                                                                                  |
| 3.                                | RESPONSIBLE ORGANIZATION: Health Physics - SQAJ                                                                                                                                                                                                                    |
| 5.                                | PROBLEM DESCRIPTION: D QR M NQR Based on the NQALE Branch Report                                                                                                                                                                                                   |
| 6.                                | QSS-A-86-0022-D05, radiological safety-related activities                                                                                                                                                                                                          |
|                                   | documentation is not maintained in accordance with American Nuclear                                                                                                                                                                                                |
|                                   | Insurer (ANI) requirements. SQN 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                                                                                                                                                                                              |
|                                   | This is contrary to ANI requirements which require interprets the                                                                                                                                                                                                  |
|                                   | of radiological safety-related documentation. NQA&E interprets the                                                                                                                                                                                                 |
|                                   | EWP's with no air data and ALARA reports as radiological                                                                                                                                                                                                           |
|                                   | safety-related documents. DATTACHMENTS                                                                                                                                                                                                                             |
| 7.                                | PREPARED BY: NAME Brends R. Southerland DATE: 10-17-86                                                                                                                                                                                                             |
| 8.                                | CONCURRENCE: CEG-H W.R. Same DATE: 10-21-86                                                                                                                                                                                                                        |
| 9.                                | APPROVAL: BCTG PROGRAM MGR. MURuley DATE: 10-23-10                                                                                                                                                                                                                 |
|                                   | ACTION                                                                                                                                                                                                                                                             |
|                                   | PEOPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM<br>SID 86/117 842 / 503 561128 510                                                                                                                                                                                 |
| 10.                               | PROPOSED CORRECTIVE ACTION PLAN: SEE MEMORANDUM<br>SID 26/117 842 / SO3 56 11 28 5/0<br>DATTACHMENTS<br>PROPOSED BY: DIRECTOR/NER: M.H. Rahi / M. DATE: MARTIL<br>CONCURRENCE: CES-E: Jhom F. A.L. Martil<br>DATE: Jay / Sc.<br>DATE: JAY / Sc.<br>DATE: JAY / Sc. |
| 10.                               | PROPOSED CORRECTIVE ACTION PLAN: <u>SEE MEMORANDUM</u><br>SID 26/117 842 / SO3 56 11 28 5/0<br>DATACHMENTS<br>PROPOSED BY: DIRECTOR/NER: <u>M.M. Racks / M.</u><br>DATE: <u>June 7. M.M. Racks / M.</u><br>DATE: <u>June 7. M.M.</u><br>DATE: <u>June 7. M.M.</u>  |

# VERIFICATION AND CLOSEOUT

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

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Attachment A Page 1 of 1 Revision 2

# ECSP Corrective Action Tracking Document (CATD)

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| INITIATION    | Applicable ECSP Report No: 311.05-BFN                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 1.            | Immediate Corrective Action Required: D Yes E No                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| 2.            | Stop Work Recommended: 	 Yes B No                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| 3.            | CATD No. 31105-BFN-001 4. INITIATION DATE 10-24-86                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| 5.            | RESPONSIBLE ORGANIZATION: Health Physics - ALARA                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| 6.            | PROBLEM DESCRIPTION: C QR E 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                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| na Si Cara Se | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|               | E ATTACHNENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
| 7             | PREPARED BY: NAME Mark Zachary DATE: 10-08-86                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|               | CONCURRENCE: CEG-R HS W K. Sm DATE: 10-21-54                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| 9.            | APPROVAL: ECTG PEDGRAM MGR. MUKINANA: DATE: 11-5-36                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| CORRECTIVE    | ACTION                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| 10.           | PROPOSED CORRECTIVE ACTION PLAN: A computerized tracking system<br>has been developed to identify the status of each ALARA suggestion.<br>Novever, procedure development and personnel training will be<br>completed by the end of January 1987. Existing ALARA suggestion<br>information will be loaded into the program by the end of March 1987.<br>The new ALARA suggestion tracking system will be fully operational<br>by April 1, 1987. RIMS R33 861204 \$30 |  |  |
| 11.<br>12.    | PROPOSED BY: DIRECTOR/HGR: R33 861204 530 DATE: 12/15/86<br>CONCUERENCE: CEG-H: Jorno J. Huth for which DATE: 2/15/86<br>SRP: DATE: 24/17/87                                                                                                                                                                                                                                                                                                                        |  |  |
|               | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|               | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
|               | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|               | ECTG PROGRAM MGR: DATE;                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| VERIFICAT     | ON AND CLOSEOUT                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| 1),           | Approved corrective actions have been verified as satisfactorily<br>implemented.                                                                                                                                                                                                                                                                                                                                                                                    |  |  |

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DEC 17 1986

# Action Tracking Document (CATD)

INITIATION Applicable PCSP Deport No: 311.05-BFN Immediate Corrective Action Required: Q Yes B Ke 1. Stop Work Becommended: D Tes # No 2. CATD No. 31205-BPN-002 3. AESPONSIBLE ORGANIZATION: Electrical Haintenance 1 4. INITIATION DATE 10/24/86 PROBLEM DESCRIPTION: O QE E NOR The Rightenance 6. ----popartment did net respond to four weitess aline transmittals und -1. their correspondance loss show he record of receiving the transmittals. The Theirical Maintenance Department should review their process of receiving and actnowledging incoming correspondances to preclude further incidents of the true PREPARED BY: NAME HATE Zethary CONCURRENCE: CEG-H 103 11... 7. O ATTACINENTS 8. DATE: 10-08-16 APPROVAL: ECTO FROGRAF MOR. MOR. 9. DATE: 10-29-16 DATE: 11-5-66 CORRECTIVE ACTION PROPOSED CORRECTIVE ACTION PLAN: 10. Ziec Tech Gezring responsed to the one ALARA surgestion identified Elec Tech Section has alruedy implemented a tracking system for items requiring response. Items repairing temperare given an assignment number, assignment date, due date, and description (which includes references). This information along with initials of the responsible engineer ere satered into computer program tracking log. A printout is generated each month. The printout is teviewed and updated throughout the month by the section supervisor. See Attachment PTE 12/17/90 11. PROPOSED BY: DIRECTOR/MGR: D ATTACHMENTS 12. CONCURRENCE: CEG-H: 61718 84 DATE: SRP: DATE: 4-6-97 DATE: DATE: DATE ECTG PROGRAM MGR: DATE: DATE: VERIFICATION AND CLOSEOUT 13. Approved corrective Actions have been varified as satisfactorily SIGNATURE TITLE DATE

#### CATD No. 31105-BFN-002

#### 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) (1/26/86                                                      |  |  |  |  |
|             | ACTION IFACTINE DOCUMENT<br>(CATD) JAN 11/26/86                      |  |  |  |  |
| INITIATION  |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
| 1.          | Immediate Corrective Action Required: D Yes E No                     |  |  |  |  |
| 2.          | Stop Work Recommended: D Yes E No                                    |  |  |  |  |
| 3.          | CATD No. 31106-SQN-001 4. INITIATION DATE 10-17-86                   |  |  |  |  |
| 5.          |                                                                      |  |  |  |  |
| 6.          | 6. PROBLEM DESCRIPTION: D QR E NQR SQN Plant should evaluate a       |  |  |  |  |
|             | means to reduce the number of damaged C-Zone clothing articles       |  |  |  |  |
|             | issued for reuse. Lirge 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.                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             | D ATTACHMENTS                                                        |  |  |  |  |
| 7.          | PREPARED BY: NAME Brends Southerland DATE: 10-17-86                  |  |  |  |  |
| 8.          | CONCURRENCE: CEG-H U. K. Young DATE: 10-21-86                        |  |  |  |  |
| 9.          | APPROVAL: ECTG PROGRAM NGE. MUKucht DATE: 0-23-86                    |  |  |  |  |
|             | APPROVAD. DELE. DELE. DELE. DELE.                                    |  |  |  |  |
| CORRECTIVE  | ACTION                                                               |  |  |  |  |
|             |                                                                      |  |  |  |  |
| 10.         | PROPOSED CORRECTIVE ACTION PLAN:                                     |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             | SET MENO 553 261107 936 AND ASSOCIATED MAP                           |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             |                                                                      |  |  |  |  |
|             | 1/1/ DATTACHMENTS                                                    |  |  |  |  |
| 11.         | PROPOSED BY: DIRECTOR/HGR: Jelu William DATE: 11/15/10               |  |  |  |  |
| 12.         | CONCURRENCE: CEG-H: W.R. Som DATE: 11/19/86                          |  |  |  |  |
|             | SEP: DATE:                                                           |  |  |  |  |
|             | DATE:                                                                |  |  |  |  |
|             | DATE:                                                                |  |  |  |  |
|             | DATE:                                                                |  |  |  |  |
|             | ECTG PROGRAM NGE: DATE:                                              |  |  |  |  |
|             |                                                                      |  |  |  |  |
| VERIFICATIO | ON AND CLOSEOUT                                                      |  |  |  |  |

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

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### ECSP Corrective Action Tracking Document (CATD)

| INITIATION                                                                                                       | Applicable ECSP Report No: 311.07-WBN                                                               |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1.                                                                                                               | Immediate Corrective Action Required: 🗆 Yes 😿 No                                                    |
| 2.                                                                                                               |                                                                                                     |
| 3.                                                                                                               | CATD No. 311.07-WBN-01 4. INITIATION DATE 12/19/86                                                  |
| 5.                                                                                                               |                                                                                                     |
| \$ 6.                                                                                                            |                                                                                                     |
|                                                                                                                  | Possibility of using contaminated hoses for connecting MSA Breathing                                |
|                                                                                                                  | Air Manifolds to Service Air. Please provide the current status and                                 |
|                                                                                                                  | completion date for revising procedures HP-TS1L-19 and RCI-4 which                                  |
|                                                                                                                  | should include requirements for HP certification of manifold install                                |
|                                                                                                                  | stion before use, a hold order requirement on Service Air valves                                    |
|                                                                                                                  | being used for breathing air manifolds, and designated air lines for                                |
|                                                                                                                  | hookup. The air lines will be controlled by HP. Fittings on the                                     |
| 1                                                                                                                | hookup lines and manifold would be unique within the plant. In                                      |
|                                                                                                                  |                                                                                                     |
|                                                                                                                  | addition, an adapter, controlled by HP, would be required for hookup<br>to the Service Air fitting. |
|                                                                                                                  |                                                                                                     |
| 7.                                                                                                               | PREPARED BY: NAME J. M. Richards DATE: 12/10/86                                                     |
| 8.                                                                                                               | CONCURRENCE: CEG-H Jan 7. Huth In LEL DATE: 12/19/86                                                |
| 9.                                                                                                               | APPROVAL: ECTG PROGRAM MGR. DUCE THE DATE: 177-87                                                   |
|                                                                                                                  | See Atribed                                                                                         |
|                                                                                                                  |                                                                                                     |
| 11.                                                                                                              | PROPOSED EY: DIRECTOR/MSR: ZUNTime 2. Dell DATE: 2/10/22                                            |
| 12.                                                                                                              | CONCURRENCE: CEG-H: Thomas J. Hutto In us L DATE: 2/18/89                                           |
|                                                                                                                  | SRP: DATE:                                                                                          |
|                                                                                                                  | DATE:                                                                                               |
|                                                                                                                  | DATE:                                                                                               |
|                                                                                                                  | DATE:                                                                                               |
|                                                                                                                  | ECTG PROGRAM MGR: DATE:                                                                             |
|                                                                                                                  |                                                                                                     |
| VERIFICATIO                                                                                                      | N AND CLOSEOUT                                                                                      |
| and the second states of the |                                                                                                     |
| 13.                                                                                                              | Approved corrective actions have been verified as satisfactorily implemented.                       |

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Subcategory 31100 Revision 1

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#### ATTACHMENT I

# List of Evaluators by Element/Plant

| Element 311.01                 |                                                       |
|--------------------------------|-------------------------------------------------------|
| WBN                            | SQN                                                   |
| M. W. Murphy                   | D. L. Lovett<br>E. Minga                              |
| BFN                            | BLN                                                   |
| M. W. Murphy                   | N/A                                                   |
| Element 311.02                 |                                                       |
| WBN                            | SQN                                                   |
| D. C. Hall                     | W. R. Strodl  <br>B. R. Southerland  R1<br>D. C. Hall |
| BFN                            | BLN                                                   |
| E. Minga                       | E. Minga                                              |
| Element 311.03                 |                                                       |
| WBN                            | SQN                                                   |
| J. M. Richards                 | D. C. Hall                                            |
| BFN                            | BLN                                                   |
| E. Minga                       | N/A                                                   |
| Element 311.04                 |                                                       |
| VBN                            | SQN                                                   |
| B. R. Southerland              | D. C. Hall                                            |
| BFN                            | B. R. Southerland  <br>T. L. Reese                    |
| W. R. Strodl<br>J. M. Richards | R. L. Huskin  <br>W. R. Strodl  <br>D. L. Lovett      |
| BLN                            |                                                       |
| E. Minea                       |                                                       |

E. Minga

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| Element 311.05                |                                                               |
|-------------------------------|---------------------------------------------------------------|
| <u>WBN</u><br>J. M. Richards  | <u>SQN</u><br>D. L. Lovett<br>D. C. Hall<br>B. R. Southerland |
| BFN                           | BLN                                                           |
| N. Zachary                    | N/A                                                           |
| Element 311.06                |                                                               |
| VBN                           | SQN                                                           |
| E. Minga<br>B. R. Southerland | D. C. Hall                                                    |
| BFN                           | BLN                                                           |
| M. Zachary<br>E. Minga        | E. Minga                                                      |
| <u>Element 311.07</u>         |                                                               |
| WBN                           | SQN                                                           |
| J. M. Richards                | N/A                                                           |
| BFN                           | BLN                                                           |
| N/A                           | N/A                                                           |

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Subcategory 31100 Revision 1

## SQN WBN J. M. Richards D. L. Lovett D. C. Hell B. R. Southerland BLN BFN N/A M. Zachary Element 311.06 SQN WBN D. C. Hall E. Minga B. R. Southerland BLN BFN E. Minga M. Zachary E. Minga Element 311.07 URN SON

Element 311.05

| <b>EDN</b>     | <u>544</u> |
|----------------|------------|
| J. M. Richards | N/A        |
| BFN            | BLN        |
| N/A            | N/A        |
|                |            |

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