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4.8 Findings - Crane Operation

4.8.1 Site Specific - WBN

Discussion

Before beginning the work mentioned in the concern, a planning meeting was held by the responsible maintenance specialist, the crane operator, and the ONP WBN safety engineering staff. It was determined that the crane could not safely swing over the crew shacks. To prevent this, the crane and the truck used to handle material were located between the Turbine Building and the crew shacks. This eliminated the need to swing over the crew shacks.

Conclusion

Interviews with the crane operators and the ONP WBN safety engineering staff indicate that the crane did not swing over the crew shacks. Observations of the crane work revealed no operation over crew shacks. This issue is not substantiated.

4.9 Findings - Exterior Doors

4.9.1 Site Specific - WBN

Discussion

Exterior doors inspected in the Interim Office Building, Technical Services Office Building, Modification Building, Service Building, Turbine Building and Plant Office Building are non-CSSC (critical systems, structures, and components), nonfire-rated doors. Maintenance performed on these doors is conducted by the initiation of a MR. MRs for Non-CSSC door work are not retained as permanent records. Therefore, the MR describing the details of work performed on the TSOB door could not be reviewed. However, the CI stated in the concern that the door would not stay closed. This condition in itself does not constitute a safety hazard nor a violation of the Life Safety Code. The means of egress was not impeded by the condition of the door even though it was not functioning fully as intended.

Mechanical maintenance (MM) carpenters are responsible for repairs on exterior doors. An interview with the MM carpenter foreman revealed that a MR had been initiated

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about August or September 1985 and the door was repaired. The component repaired was identified as the door closer mechanism. Although door repair is recognized as a continuous, on-going activity, no evidence was found which indicated neglect of exterior door maintenance.

Conclusion

The issue on the maintenance of exterior doors is not substantiated. This determination is based upon the results of inspections of exterior doors of buildings at WBN. All doors inspected, including the door in the concern, were determined to be in compliance with the standards regarding unobstruction of egress.

4.10 Findings - Scrap Hetal Drop Chute

4.10.1 Site-Specific - WBN

Discussion

The chute met the requirements when it was constructed. Despite meeting requirements, scrap material could bounce out of the receptacle and strike a person using a nearby walkway. During the summer of 1985, after the concern was submitted, a wooden barrier and a deflector shield were added to the chute. This effectively controls the hazard.

Conclusion

This element is substantiated. Correct've action has been taken.

4.11 Findings - Explosive Detectors

4.11.1 Site-Specific - WBN

Discussion

The metal brackets that hold the control lights on the explosive detectors were designed and installed by the manufacturer. These units have been in service for four to five years and are the same type used at SQN. The ONP WBN PSS manager interviewed stated that he has no knowledge of any injuries or damage to equipment caused by someone striking the control lights and brackets, nor has he received any employee complaints on these units.

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The control light brackets extend 14-1/2 inches from the rear of the units but only protrude about 2 inches into the employees' walkway. Brackets are not rigidly mounted but will move approximately 2-inches horizontally if struck. Employees going through the detectors must focus on the lights to know when to stop and proceed through the detectors, minimizing the possibility of striking the lights or brackets.

Conclusion

The control lights and brackets are located as the concern states. However, they create no more of a hazard to employees then desk corners, fire extinguishers hanging on a wall, chairs, pipes, valves and support hangers, etc. Therefore, the concern is not substantiated.

4.12 Findings - Booby traps

4.12.1 Site-specific - WBN

Discussion

Interviews with individuals having knowledge of the original incident revealed no other booby trap incidents have been reported or found in the plant since the 1981 or 1982 incident. The individuals interviewed did not know who set the trap or who the trap was intended. However, some believe it was intended for a general foreman.

Conclusion

Information obtained from interviews does not indicate any traps being reported or investigated since the 1981 or 1982 incident; therefore, this concern is not substantiated.

4.13 Findings - Miscellaneous - ONP WBN

The WBN Employee Suggestions Program (WB2.1.10) details the responsibilities and requirements for implementing this program. Once an employee submits the suggestion, it is tracked until the item is resolved.

The plant DCU has a tracking system for employee suggestions. The suggestions are assigned for resolution to the sections from which they were originated. At 30 days after original date of the suggestion, the DCU forwards any unresolved suggestions to the Planning and Scheduling Unit for addition to the responsible section's Outstanding Items Status Log (OISL).

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The DCU advises the Site Director monthly of any suggestions not answered within 30 days. This list and the OISL are discussed monthly at plant staff meetings. Once a suggestion is entered on the OISL it stays there until the suggestion is resolved.

The Safety Supervisor maintains a record of the suggestions submitted and provides the health and safety committee members, the Site Director, and Plant Hanager a quarterly Safety Suggestion Status Report.

The safety staff conducts an annual audit of the safety program. The Employee Safety Suggestions Program is included in this audit. The program audit report for FY 1985 states that 52 of the 88 safety suggestions forwarded to the Safety Office did not have a response to the originator of the action taken. The recommendation states "implementation of the Employees Concerns Program (WB2.1.10) should adequately address the <u>feedback</u> problem." This program is being implemented.

The safety suggestions that were developed through the Employee Suggestions Program are listed below by number, description, and actions taken to address the suggestions.

A. WBN-85-001 - Individuals are attaching ear plugs to hard hats with wire. CI believes this is a health hazard.

Based on field observations by the ONP WBN safety staff, this condition has not been observed. There is no criteria on how to attach ear plugs to hard hats.

B WBN-85-007 - Air filters in Jerry Collins' office door should be covered with expanded metal. If anyone were to strike the metal portion of the filter they would receive a severe cut.

MR A-410615 was written to delete the filters. The 1985 fourth quarter safety suggestion status report indicates this work is complete.

C. WBN-0126 - The doorknob on C56 between control room and the hallway outside of shift engineer's office is too close to the edge of the door.

The 1985 fourth quarter Safety Suggestion Status Report indicates this doorknob has been replaced.

D. WBN-0132 - Install a curb around the neutralization tank (Turbine Building, elevation 685) to contain caustic acid spills.

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The 1986 first quarter Safety Suggestion Status Report indicates DCR 630 was written to install a curb. This item was entered on the OISL February 4, 1986, and the August 4, 1986 OISL shows it is still an open item.

E. <u>WBN-0183</u> - Safety racks for temporary storage of pressurized gas cylinder in transit at gate 126 could eliminate a hazard.

The 1986 first quarter Safety Suggestion Status Report indicates a DCR was written to install storage rack. This item was entered on the OISL February 4, 1986, and the August 4, 1986 OISL shows it is still an open item.

A conversation with a Modifications Section supervisor on August 25, 1986 revealed they have purchased bottle buggies to secure the bottles while in transit instead of installing racks.

F. WBN-0185 - Grease fittings on the lower bearing capsule is very close to the motor shaft. Greasing this lower motor bearing when the motor is running, an employee could get caught in the motor coupling. CI suggests having the fitting extended from coupling so that services are away from the turning shaft. (All ERCW motors.)

The 1986 first quarter Safety Suggestion Status Report indicates the procedure was rewritten to prohibit lower bearing lubrication while the motor is running.

G. WBN-0187 - All confined space areas should be visually marked at the entrances as "Confined Space Areas - Contact Safety..."; also, confined space monitors should have operating instructions laminated on each unit.

A conversation with a representative from the ONP WBN safety staff on August 7, 1986, reveals that there is no requirement to mark all confined spaces and they do not intend to mark them. They have laminated instruction on confined space monitors.

H. WBN-0138 - Bumping hazards in lower containment at and around platforms to pressure relief tank, at elevation 716 and 724. Suggest padding and identifying (tape) these hazards.

The 1986 first quarter Safety Suggestion Status Report indicates specific bump hazards need to be identified for marking.

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A conversation with the ONP WBN Safety Supervisors revealed there are too many bump hazards in the area to mark each one. Employees are to submit HRs on specific ones to be marked or padded.

 <u>WBM-0212</u> - Inadequate entrance into Medical Services to transport an injured person on a stretcher to an examination bed.

A conversation with a representative from the ONP WBN safety staff on August 7, 1986, revealed there is an adequate door and passageway to get a stretcher into the Hedical Services examination room. This suggestion was submitted after an incident where a chair prevented the door from opening completely.

A 1986 first quarter Safety Suggestion Status Report states that the furniture blocking the entrance was rearranged.

J. WBN-0243 - Weld some type of metal or steel hook on the liquid nitrogen Dewar cart to secure bottles from releasing.

A conversation with a representative from the WBN safety staff on August 7, 1986, revealed a chain has been installed on the cart as an interim measure to secure the bottles. A MR A568375 to weld hook on cart has been issued.

K. WBN-0244 - Need Mechanical Maintenance fitters to remove or relocate piping (1-DRV-889 Drain) at elevation 708, TB-J line, on the steam generator blowdown system. It is a safety hazard at eye level.

The 1986 first quarter Safety Suggestion Status Report indicates piping was marked to make it more obvious. No action will be taken to reroute piping.

L. <u>WBN-700</u> - The CI believes the chain at the loading dock will not properly hold the empty cylinders.

The 1985 fourth quarter Safety Suggestion Status Report states a MR was written to improve the securing system and the MR has been completed.

M. <u>WBN-0268</u> - Service air headers in Reactor Building, unit 1 have caps when not in use. If valve leaks, it needs repair. Problem is there is no way to bleed valve down to remove cap.

The 1985 fourth quarter Safety Suggestion Status Report indicates response was sent to the CI January 8, 1986. No action will be taken.

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A conversation with the ONP WBN safety staff revealed these caps are required to prevent contamination. These connections can be used for breathing air; therefore, caps cannot be removed. Caps do not hold enough pressure to be a hazard.

N. WBN-0271 - There is a need for reflectors along the access road to the plant and on the morning exit from the plant to help drivers during fog and heavy rain.

The 1986 first quarter Safety Suggestion Status Report indicates MR number A-524015 was written to implement this suggestion and action was completed.

O. WBN-600 I.S. - The three phase bench grinders in the shops need lights installed on the starter to indicate when they are running.

The 1985 fourth quarter Safety Suggestion Status Report indicates MR number A-581327 was submitted. The OISL dated August 8, 1986, indicates the field work is completed.

A review of status of the suggestions that were received, indicates ONP WBN management has taken positive action on 14 of the 15 suggestions that were brought to their attention. The open item is being tracked on the OISL.

4.14 Findings - Miscellaneous - SQN

The employee safety suggestion program is documented in Standard Practice - SQA3178, "Employee Concern Program." This document includes definitions, a policy statement, responsibilities, and requirements. Line management is responsible for tracking concerns.

The concerns and suggestions received from SQN are listed below by number, description and status.

A. <u>DLJ-85-001</u> - A tripping hazard exists due to the lip on the threshold of C-15 door to the auxiliary room, unit 1.

This issue originated from a crew safety meeting report. MR A541929 has been written for mechanical maintenance to feather the lip.

B. <u>DLJ-85-002</u> - Tripping hazards are frequently created by hanging scaffolds or other supports from steel grate floors, using pipe or other items to anchor the cables.

This issue came from a safety meeting report. New supports that fit into the grating were ordered to eliminate the trip hazards.

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C. <u>DKJ-85-003</u> - The stairs accessing the Turbine Building from the outside are very slick when wet.

The issue came from a crew safety meeting report. Abrasive paint was applied and sheet metal workers applied nonskid strips.

D. <u>DLJ-85-006</u> - Open plugs in upper containment cause tripping hazards. This issue originated from a crew safety meeting report.

The issue was investigated by an acting safety planner and plant safety staff. Inspection of the upper containment showed proper handrails and lifelines installed. No real hazard existed.

E. <u>DHT-86-001</u> - The PSS and Health Physics stations on the refueling floor are so located that loads pass over employees' heads.

A January 9, 1986, the Safety Supervisor replied in a memorandum that a meeting was being set up to develop an adequate resolution.

A telephone conversation August 6, 1986, with the Safety Supervisor revealed the crane operators have been advised by their supervisors not to move loads over employees. They are to stop the load and have employees move before proceeding. Employees have been told in weekly safety meetings not to walk under loads and to move from the area if a load needs to be moved over their work areas.

Management is to relocate the work stations so that they will be out of the path of the crane. This work is on hold until the next outage.

F. JAM-85-003 - No warning is given that ignitors are being tested. If electrical maintenance is testing hydrogen ignitors, there is a risk of being burned. Request warnings when testing ignitors.

A telephone conversation on August 6, 1986, with the Safety Supervisor revealed verbal instructions have been issued to provide better communications when testing ignitions. Signs are to be posted when ignitions are being tested.

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A telephone conversation on August 21, 1986, with the Electrical Haintenance supervisor revealed he has verbally instructed the electrician to "walkdown" areas before energizing ignitors. If there is a scaffold in the area that would permit employees to contact the ignitors, signs are to be posted that ignitors are being tested.

G. <u>EAC-85-001</u> - Tie-off cables are not provided above crane bridges for use during crane housekeeping or inspections.

A telephone conversation August 6, 1986, with the Safety Supervisor revealed cables have been installed on some cranes but not all yet. However, cables will be installed on the other cranes as soon as practical.

H. <u>EAC-86-002</u> - Fittings for high pressure hose are improperly job-fabricated by unqualified personnel and are unsafe.

A note in the concern file dated February 3, 1986, from the Safety Supervisor states the concern is under investigation and remains open. A telephone conversation August 6, 1986, with the Safety Supervisor revealed the following information:

- 1. Only green hoses would be used for inert gases and oxygen.
- 2. Only webbed double hose will be issued from the toolroom for gas welding and cutting.
- Replacement or initial installation of hose fittings will be performed only by employees designated by the Mechanical Maintenance Group supervisor.
- 4. The toolroom will issue only welding hose with proper fittings.

These four actions have been included in a revision dated April 17, 1986, to the HCI-M7.

- I. <u>EAC-85-006</u> Vehicles parked along roadway curbs at the entrance to No. 1 parking lot, obstructing vision and traffic, are a hazard.
- J. RMM-85-005 Car parking along the curb of parking lot 1 were blocking the view of cars pulling out.

Approximately 300 additional parking places have been provided in a new lot. PSS will mark the area of concern in both concerns as a no parking zone.

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K. <u>EAC-85-008</u> - Some crane operators board and operate cranes while other operators are in the process of walking down or checking out the crane.

Signs are provided for crane controls to advise operator that crane checkout is in progress. The problem has also been discussed between responsible groups and management.

L. <u>EAC-85-009</u> - The concern alleged that heavy equipment operators were lifting casts using Lorain hydraulic cranes without setting outriggers, an unsafe practice.

Investigation by SQN personnel determined lifts to be acceptable. Crane cab has charts for load limits for lifts made on rubber tires, outriggers, and walking the load.

H. I-86-240-SQN - An anonymous individual mailed in a concern to the MSRS requesting a sheet metal platform be built on the side of the centrifuge.

A telephone conversation with the Mechanical Haintenance Craft Section supervisor on August 11, 1986, revealed this work was completed week of August 4, 1986.

N. I-86-236-SQN - An anonymous individual mailed in a concern to the NSRS requesting safety screens be installed to cover the caustic valves on the hot water tank at the make up water treatment plant on elevation 685.

This concern was investigated at the SQN site on August 14, 1986. Investigation of the hot water tank revealed that shields have not been installed over the valves. A site safety engineer states that he recalls a MR being initiated over a year ago to do this work. He went to this location to discuss what type of shield would provide protection, but he did not know what happened to the MR after that.

The carpenter foreman was contacted. He stated that while planning the erection of the shields he contacted the Operations Section for advice. They advised him that shielding was not necessary. He relayed this information to his general foreman and the HR was cancelled.

The procedure in effect at that time (SQM-2) required industrial safety MRs to be reviewed by the safety engineering staff if not approved and for the cancelled MR to be returned to the originator. Review of the procedure SQM-2 revealed that the procedure for cancelling industrial safety MRs was in

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revision 17, but had been omitted in revision 18 dated August 5, 1986. The data processing staff was unable to locate a record of the cancelled HR. It is their policy to retain cancelled HRs for only six months.

This investigation developed that an assistant shift engineer had identified the valves on the hot water tank as needing shielding in a May 24, 1986 safety meeting. A Work Request 125-190 was initiated on August 15, 1986 to have this shielding installed.

The investigation into the status of these concerns and suggestions revealed management has taken action to resolve the issues on all except I-86-236-SQN. SQN management was sent a CATDs on this issue.

4.15 Findings - Miscellaneous - BFN

This concern was investigated by calling the BFN safety staff for a status report on this concern. Copies of the September 28, 1985, original concern; the October 9, 1985, Safety Supervisor memorandum advising the CI of the status of concern; the DCR-D3251; and the Hazard Assessment Worksheet were obtained.

The Safety Supervisor advised the CI in the memorandum that there were plans for repairing the road, and that a DCR would be initiated to erect handrails and install better lighting.

A telephone call to the BFN DCU revealed the DCR will not be done until the next outage Unit 3, Cycle 5.

The DCR-D3251 dated November 19, 1985, is for the addition of handrails and lighting on the intake gate structure No. 3. Priority 8/c has been assigned and the recommended schedule indicates March 5, 1986, U3/C5B for "timely disposition of safety concern."

Representatives of the safety staff and line management conducted a hazard assessment of the area in the concern. The Hazard Assessment Worksheet dated October 9, 1985, indicates there is an employee exposure to an unsafe condition that could produce a serious injury.

This issue is substantiated. The concern is a year old and still has not been resolved. From the nature of the work it could be done at anytime and not held until the next outage. A CATD was sent to BFN describing this problem.

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5.0 COLLECTIVE SIGNIFICANCE

5.1 Management Effectiveness

Hanagement has been effective in resolving unsafe conditions reported through the safety suggestion program at the sites. However, line management has not been totally effective in its support of the safety program. Because of this, unsafe conditions in the workplace are not always recognized and corrected. This results in an increased probability of accidents or injuries caused by such unsafe conditions.

6.0 CAUSES

The majority of the problems identified by the concerns within this subcategory are minor in nature and have been resolved through normal channels. The common cause for these problems is management's failure to recognize and correct unsafe conditions however minor in nature.

The major problems identified by this evaluation and their associated causes are as follows:

- A. The flammable liquid storage limitations contained within HCI-HHl were not effectively communicate to line management, supervisors, and foremen.
- B. An MR written at SQN to install safety screens to cover certain caustic valves in the water treatment plant was cancelled improperly due to an inadequate cancellation procedure.
- C. Work to add lighting and handrails on the intake gate structure number 3 at BFN was unnecessarily delayed because of management's lack of recognition that the situation could produce a serious injury.

7.0 CORRECTIVE ACTIONS

No immediate corrective actions or stop work orders were initiated as a result of this subcategory evaluation. No outstanding corrective actions exist as a result of any prior investigation of the employee concerns addressed by this report.

Actions previously taken through normal channels to correct deficiencies identified by concerns within this subcategory are listed below.

- A. Repairs were made on the compressed gas bottle sheds at the DNC warehouse.
- B. Illumination in the DNC second shift parking lot was improved by replacing burned out bulbs.

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C. Protective caps for gas heders in the plant were provided and are in use.

- D. The sirlock doors at elevation 713 between the Service Building and the Auxiliary Building were adjusted, a safety strip was installed along the bottom edge, and they were subsequently taken out of service.
- E. A wooden barrier and deflector were installed on the scrap metal drop chute to keep materials from bouncing into personnel walkways.
- F. Two flammable liquid storage cabinets were removed from the Turbine Building in order to comply with storage limit requirements.

Inadequate communication between line management and employees concerning industrial safety issues and managements failure to support the safety program are addressed by Corrective Action Tracking Documents (CATDs) within the Industrial Safety Category as follows:

A. Subcategory Report 90100, Hanagement of Safety.

CATD 90100-1, 5, 9, and 13 establish a Central Safety Committee (CSC) comprised of line management. CATD 90100-2, 6, 10, and 14 establish various line management subcommittees to the CSC. CATD 90100-3, 7, 11, and 15 establish a safety audit program. One of the principal purposes of the CSC will be to communicate and to improve the enforcement of the industrial safety program by all line managers to their employees.

The following is a list of CATDs issued on problems identified by this evaluation.

7.1 Site Specific - ONP WBN

a. Problem Description: Interviews with coeff foremen revealed a lack of knowledge on the HCI was requirements specifically a limit of three flaments liquid Robber delibers in a single area.

CATD 91000-5: A magety Bulletia that addresses this problem will be issued by Japuery 1, 1987 to the appropriate personnel.

7.2 Site Specific - SON

Correcti

a. Problem Description: Valves for the caustic dilution station hot water tank on elevation 685 at T6 and D lines do not have shields to prevent caustic solution from spraying on personnel.

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Corrective Action Plan:

CATD \$1000-3. Verves for the chartic slike on stations hot water that on elevation 657 will be shielded to prevent caustic solution from spraying on personnel for locuest 125-190 dated August 15, 1966 has been submitted to suffer these verves prior to restart of the system.

 Problem Description: Revision 18 of Standard Practice SQM-2 does not contain procedures for cancelling Industrial Safety related MRs or WRs.

Corrective Action Plan:

CATD 91000-4: Standard Practice SOM-2 will be saysed to include protedures for canceling Industrial Says related work requests (WRs). This revision will provide (makes to the work request eriginals as to why the request was canceled. Revision will be dompleted by January 1. 1907.

7.3 Site Specific - BFN

a. <u>Problem Description</u>: Additional lighting and handrails have not been installed on the intake gate structure number 3 to resolve an employee safety concern and complete DCR D3251. This work should not be delayed until the next outage, unit 3, cycle 5.

Corrective Action Plan:

CATD 91000-2: The addition of hand rails and lighting will not be delayed until the unit 3, cycle 5 outage. The work is not outage related and can be done during operation. A new design support group is being formed at BFN which will handle priority, plant-support type changes. Completion of this ECN will be assigned to this group and given priority. Installation may be completed before unit 2 startup but its completion will not be a constraint to unit 2 restart.

8.0 LIST OF EVALUATORS

Gray, D. K. Petty, C. R. Rogers, J. T.

9.0 ATTACHMENTS

Subcategory Summary Table

AT MEN

EFERENCE - ECPS131J-ECPS131C :EQUENCY - REQUEST :P - ISSS - RHM TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POHER
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)

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TEGORY: SF INDUSTRIAL SAFETY

EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
SUBCATEGORY: 910 UNSAFE CONDITIONS

TEGORY: SF IN	DUST	RIAL	SAFET	TY		SU	BCAT	EGOR	Y: 910	UNSAFE CON	DITIONS		
CONCERN NUMBER	<u> </u>	AT	SUB CAT		PLT LOC	3	REPOISAF I	RELA	TED SS	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - SF SUBCAT - 910
:N-85-002-0030	1	SF	910	W.	BFN	1 2 5	NO N	A NA	NA		NSRS	DURING THE EXIT INTERVIEH THE CI EXPRESSED HIS CONCERN THAT ONLY SLIGHT IMPROVEMENTS HAVE BEEN MADE ON A HIN NING SAFETY AHARDINSTALL LIGHTING, HANDRAILS, AND IMPROVE ACCESS ROAD AT THE INTAKE FOREBAY, GATE STRUCTUR	1.15, 2.3.15, 3.3.15, 4.15
::IT-86-001 0	1	SF	910	4	SQN		N N NA NA NA NA		NA		OECP	PUBLIC SAFETY AND HEALTH PHYSICS STA TIONS ON REFUELING FLOOR ARE LOCATED SUCH THAT LOADS PASS OVER EMPLOYEES HEADS.	1.14, 2.3.14, 3.3.14, 4.14
LJ-85-001 0	1 :	SF	910	W:	SQN		N N				OECP	INDUSTRIAL SAFETY - TRIP HAZARD EXIS T DUE TO THE LIP ON THRESHOLD OF C-1 5 DOOR TO AUX. INSTR. RM (U-1).	1.14, 2.3.14, 3.3.14, 4.14

	- REQ		-ECPS1	sic	EMPLOYE	TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POHER EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS) EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY								
CONCERN NUM		CAT	SUB CAT	S H R PLT D LOC	SUBCATEGORY: 910 REPORT APPL SAF RELATED FIND CLASS BF BL SQ HB			CONCERN DESCRIPTION	REF. SECTION CAT - SF SUBCAT - 910					
!J-85-002	01	SF	910	N SQN	1 N N Y N 2 NA NA NA NA 3 NA NA C NA		OECP	INDUSTRIAL SAFETY - TRIP HAZARDS ARE FREQUENTLY CREATED BY INSTALLING SC AFFOLDS OR OTHER SUPPORTS BY HANGING THEM FROM STEEL GRATE FLOOR - USING PIPE OR OTHER ITEM TO ANCHOR THE CABLE.	1.14, 2.3.14, 3.3.14, 4.14					
.J-85- 00 3	01	SF	910	N SQN	1 N N Y N 2 NA NA HO NA 3 NA NA C NA		OECP	INDUSTRIAL SAFETY - THE STAIRS ACCES SING TURBINE BUILDING FROM OUTSIDE A RE'VERY SLICK HHEN HET.	1.14, 2.3.14, 3.3.14, 4.14					

DECP

INDUSTRIAL SAFETY - OPEN PLUGS UPPER 1.14, 2.3.14, CONTAINMENT TRIP HAZARD. 3.3.14, 4.14

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

1 N N Y H 2 NA NA NO HA 3 NA HA A NA

College and the second of the	- ECPS131J- - REQUEST RHM	ECPS1310
TEGORY: SF	INDUSTRIAL	SAFETY

TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POHER
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
SUBCATEGORY: 910 UNSAFE CONDITIONS

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CONCERN NU	1BER	CAT	SUB	R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION OF CAT - SF SUBCAT - 910	
iC-85-001	•1	SF	910	N SQN	1 M N Y N 2 NA NA NO NA 3 NA NA C HA		OECP	THE OFF CABLES ARE NOT PROVIDED ABOVE CRAME BRIDGES FOR USE DURING CRAME INSPECTIONS OR HOUSEKEEPING.	1.14, 2.3.14, 3.3.14, 4.14	

3C-85-006	01	SF	910	H SQN	2 NA	N Y NA NO NA C	O NA	OECP	VEHICLES PARKED ALONG ROADHAY CURBS AT ENTRANCE TO NO. 1 PARKING LOT OBS TRUCT VISION AND TRAFFIC AND ARE A H	1.14, 2.3.14, 3.3.14, 4.14
					3 MA	MA L			AZARD.	

AC-85-008	01	SF	910	N SQN		DECP	SOME CRANE OPERATORS BOARD AND OPERA	1.14, 2.3.14,
					NA NO	The second second	TE CRANES WHILE OTHER CRANE OPERATOR S ARE IN PROCESS OF HALFING DOWN AND FOR CHECKING OUT CRANE.	3.3.14, 4.14

CONCERNS ARE GROUPED BY FIRSY 3 DIGITS OF SUBCATEGORY NUMBER.

EFERENCE	-	ECPS131J-6	CPS131C
SEQUENCY		REQUEST	
2221 - QUE	- 1		

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TEGORY: SF INDUSTRIAL SAFETY

TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POHER
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS) EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY SUBCATEGORY: 910 UNSAFE CONDITIONS

CONCERN NUM	BER	CAT	SUB CAT	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 8 CAT - SF SUBCAT - 910
:C-85-009	07	SF	910	N SQN	1 N N Y II 2 NA HA NO NA 3 NA NA A HA	OECP	CONCERN EXPRESSED THAT HEAVY EQUIPME NT OPERATORS LIFTING CASKS USING LOR AIN HYDRAULIC CRANE H/O SETTING OUTR IGGERS IS NOT SAFE.	1.1.14, 2.3.14, 3.3.14, 4.14

1C-86-002	01	SF	910	N SQN	1 N 2 NA		OECF	P	EMPLOYEE HAS CONCERN THAT HOSE AND F	1.1.4, 2.3.14,
					3 NA				ITTINGS FOR HIGH PRESSURE HOSES ARE IMPROPERLY JOB FABRICATED BY UNQUALIFIED PERSONNEL AND ARE UNSAFE.	3.3.14, 4.14

,	(-85-001-00101 T50032	SF 9	10 N HBN	1 N N 2 NA N			EX-85-001-001	QTC	BOTTLE SHED"-(BEHIND MAIN HAREHOUSE) POST (SUPPORT) HAS FALLEN 2 TO 3 IN CHES AND APPEARS TO BE A PERSONAL SA	1.2, 2.3.2,
				3 NA N	AH AI	С			CHES AND APPEARS TO BE A PERSONAL SA FETY HAZARD. IF THE SHED COLLAPSES, BOTTLES (OXYGEN, NITROGEN ETC) M	3.3.2, 4.2, 7.0

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

EFERENCE - ECPS131J-ECPS131C :EQUENCY - REQUEST IP - ISSS - RHM TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POHER
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
SUBCATEGORY: 910 UNSAFE CONDITIONS

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TEGORY: SF INDU	STRI	L SAFE	TY	SUBCATEGORY: 9	TO UNSAFE COND		T/SUBCATEGORY	
OHCERN NUMBER	CAT	SUB	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ MB		CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 0 CAT - SF SUBCAT - 910
: -85-033-00301 T50138 02	SF SF	909	S HBN S HBN	1 M N N Y 2 MA NA NA NO 3 MA NA NA B 1 N N N Y 2 MA NA NA NO 3 MA NA NA A	EX-85-033-003	QTC	UNIT #2 IS LACKING IN GOOD HOUSEKEEP ING PRACTICES, IE EXCESS MATERIAL AN D TOOLS ARE LYING AROUND POSING AN I NDUSTRY SAFETY "TRIPPING" HAZARD. C I HAS NO MORE INFORMATION. NUCLEAR PHR. DEPT. CONCERN. NO FOLLOH UP RE	1.1, 2.3.1, 3.3.1, 1.9, 2.3.1, 3.3.9, 4.1
% -85-038-00101 T50144	SF	910	н нви	1 N N N Y 2 NA NA NA NO 3 NA NA NA C	EX-85-038-001	QTC	THE DOOR IN THE BUILDING MEXT TO THE SITE SERVICES BUILDING IS BROKEN (HILL NOT STAY CLOSED.) THE DOOR IS AN OUTSIDE DOOR HEAR THE SAFETY SECTION. C/I FEELS THIS IS A SAFETY HAZARD. NUCLEAR POHER CONCERN. C/I HAS PREQUIRED.	1.9, 2.3.9, "
			, A	ų			Q^{-1}	
X -85-048-00901 T50168	SF	910	N HBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA A	EX-85-048-009	QTC (THE BIG ELECTRIC DOORS IN THE AUX BU ILDING ARE DANGEROUS HHEN CLOSING. A PERSON CAN BE CAUGHT IN BETHEEN TH EM DURING CLOSURE BECAUSE THE SAFETY PAD DOESN'T ALHAYS HORK. CONSTRUCT ION CONCERN. CI HAS NO ADDITIONAL I	1.5, 2.3.5, 3.3.5, 4.5, 7.0

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

FERE!ICE - ECPS131J-ECPS131C PAGE TENNESSEE VALLEY AUTHORITY :EQUENCY - REQUEST OFFICE OF NUCLEAR POHER RUN TIME - 16:50:14 'P - ISSS - RHM RUN DATE - 01/28/87 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS) EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY TEGORY: SF INDUSTRIAL SAFETY SUBCATEGORY: 910 UNSAFE CONDITIONS 1 REPORT APPL 2 SAF RELATED REF. SECTION . PLT 3 FIND CLASS CAT HISTORICAL CONCERN SUBCAT - 910 D LOC BF BL SQ HB CONCERN NUMBER CAT REPORT ORIGIN CONCERN DESCRIPTION AT TIMES THERE IS UNSAFE EQUIPMENT I 1.1, 2.3.1, N THE FIELD SUCH AS LIGHT CORDS HITH 3.3.1, 4 1 OTC -85-064-00301 S HBN EX-85-064-003 NA NA NA NO T50183 3 NA NA NA D BROKEN LIGHTS, BOARDS WITH NAILS IN IN N N Y 910 S HBN THEM. 2 NA HA HA NO 3 NA NA NA A NSRS AN ANONYMOUS INDIVIDUAL MAILED IN A 1.1.14, 2.3.14, -86-236-SQN SAFETY CONCERN TO HSRS REQUESTING TH 3.3.14, 4.14, 2 NA NA NO NA 3 NA NA D NA AT SAFETY SCREENS BE INSTALLED TO CO 7.0 VER THE CAUSTIC VALVES ON THE HOT HA TER TANK AT THE MAKEUP HATER TREATME NT PLANT ON EL 685. SEVERAL MAINTEN R THE PAST YEAR AND A HALF.

NSRS

AN ANONYMOUS INDIVIDUAL MAILED IN A

SAFETY CONCERN TO NSRS REQUESTING TH

AT A SHEET METAL PLATFORM SIMILAR TO

THE ONE AT HATTS BAR BE BUILT ON TH E SIDE OF THE CENTRIFUGE AT SOIL. TH E PLATFORM HOULD ALLOH THE LIFTING O LESSEN THE POSSIBILITY OF BACK INJUR

IES TO PERSONNEL.

- SF

1.1.14, 2.3.14,

3.3.14. 4.14

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

2 NA NA NO NA

3 NA NA C NA

- ECPS131J-ECPS131C - REQUEST EFERENCE REQUENCY IP - ISSS - RHM

IEGORY: SF INDUSTRIAL SAFETY

TENNESSEE VALLEY AUTHORITY
OFFICE OF HUCLEAR POHER
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
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SUBCATEGORY: 910 UNSAFE CONDITIONS

CONCERN NUMBER	CAT	SUB	R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - SF SUBCAT - 910
! -85-037-00201 T50002	SF	910	N HBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA A	IN-85-037-002	QTC	"BOOBY TRAPS" IN PLANT CAUSED PERSON NEL HAZARDS IN 1931 AND 1982 AT HATT S BAR NUCLEAR PLANT. CONDITIONS MAY STILL EXIST	1.12, 2.3.12, 3.3.12, 4.12

1 -85-118-00201 SF 910 N T50014	I MBN 1 N N N Y IN-85-118-002 2 NA NA NA NO 3 NA NA NA A	QTC SOME STORAGE SHEDS (EG SHED "E") HAY E MATERIAL UNSAFELY AND HAPHAZARDLY STORED CREATING SAFETY HAZARDS	1.2, 2.3.2, 3.3.2, 4.2
------------------------------------	----------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------	---------------------------

t	1 -85-118-00301 T50108	SF	910	N HBN		N NA NA	Y NO C	IN-85-118-003	QTC	HEAVY MATERIAL (IE: PALLETS OF BRICK S) IS BEING STORED ON HOODEN PLATFOR M IN F SECTION OF YARD 2 OF HAREHOUS	1.2, 2.3.2, 3.3.2, 4.2
										ODEN PLATFORM AND PALLETS ARE EXCESS LIVELY ROTTED. CI IS CONCERNED THAT	
				(R PLATFORM GIVE HAY, INJURING PERSON NEL/HORKERS BELOH NO FOLLOH UP REQUI	

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

REQUENCY - REC	QUEST	I-ECPS1		EMPLOY	TENNESSEE VALLEY OFFICE OF NUCLE EE CONCERN PROGR RN INFORMATION B 10 UNSAFE CON	RUN (ECPS) RUN	PAGE - 8 RUN TIME - 16:50:14 RUN DATE - 01/28/87	
CONCERN NUMBER	CAT	SUB CAT	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ NB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - SF SUBCAT - 910
7 -85-205-00101 T50007A	SF	910	N HBN	1 M M M Y 2 MA MA MA NO 3 MA MA MA A		QTC	EXIT ROAD FOR THIRD SHIFT HORKERS IS EXCESSIVELY DANGEROUS DUE TO TOO MANY EGRESS POINTS FROM OTHER PARKING LOTS AND A NARROH ROAD	1.3, 2.3.3, 3.3.3, 4.3
) (V)		
:I -85-311-00501 T50021	SF	910	N HBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA B	IN-85-311-005	QTC	METAL BRACKETS AND CONTROL LIGHTS AS SOCIATED HITH EXPLOSIVE DETECTORS PRESENT A SAFETY HAZARD TO OFFICERS AND PERSONNEL BECAUSE THEY EXTEND OUTH ARD FROM THE UNIT -18". IT HAS EXPRESSED THAT THESE BRACKETS COULD BE RED HITHOUT COMPROMISING FUNCTION OF THE UNIT.	1.11, 2.3.11, 3.3.11, 4.11
7 -85-338-00201 T50039	SF	910	N HBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA A		QTC	STEAMFITTERS/HELDERS INTERCHANGING G AS BOTTLE AND HEADER AIR GAUGES HITH OUT ANY REGARD TO COMPATIBILITY. TH IS OCCURS IN BOTH UNITS \$182.	1.4, 2.3.4, 3.3.4, 4.4

- ECPS131J-ECPS131C - REQUEST FFERENCE :: EQUENCY P - 1555 - RHM

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EGORY: SF INDUSTRIAL SAFETY

SUBCATEGORY: 910 UNSAFE CONDITIONS

CONCERN NUMBER	CAT	SUB CAT	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION (CAT - SF SUBCAT - 910	STATISTICS AND ADDRESS.
1 -85-338-00301 150039	SF	910	N HBN	1 N N H Y 2 NA HA HA NO 3 NA NA NA A	IN-85-338-003	QTC	EXCESSIVE SPEEDING BY TVA VEHICLES ON THE PROJECT.	1.6, 2.3.6, 3.3.6, 4.6	MALCO PRINCIPALISM

1 -85-350-00101 T50026	SF	910	н иви				N HA HA		QTC	HOUSEKEEPING IN THE POHER BLOCK AND THE RESTROOMS IS VERY POOR. TRASH IS ALLOHED TO ACCUMULATE IN THE HORK AREAS. THIS CAUSES DEGRADATION OF THE EQUIPMENT AND REPRESENTS A PERSON NEL SAFETY HAZARD.	1.1, 2.3.1, 3.3.1, 4.1
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7	-85-480-00501 T50028	SF	910	N HBN	2 NA	NA	NO	IN-85-480-005	QTC	HAZARDOUS SAFETY CONDITION EXISTS TH 1.1, 2.3.1, ROUGHOUT TURBINE BLDG. (UNIT # 2) D 3.3.1, 4.1 UE TO VERY POOR HOUSEKEEPING PRACTIC 3.3.1, 4.1
										ES.

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

- ECPS131J-ECPS131C FERENCE TENNESSEE VALLEY AUTHORITY PAGE - 10 RUN TIME - 16:50:14 :EQUENCY - REQUEST OFFICE OF NUCLEAR PONER P - ISSS - RIM RUN DATE - 01/28/87 EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS) EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY SUBCATEGORY: 910 EGORY: SF INDUSTRIAL SAFETY UNSAFE CONDITIONS 1 REPORT APPL H 2 SAF RELATED R PLT 3 FIND CLASS HISTORICAL CONCERN CAT D LOC BF BL SQ HB REPORT ORIGIN CONCERN DESCRIPTION CONCERN NUMBER CAT ·! -85-512-00101 910 N HBN INNNY IN-85-512-001 OTC SCRAP METAL DROP CHUTE, UNIT 2 SIDE, 2 NA NA NA NO NEAR ELECTRICAL SHACK, IS UNSAFE IN T50046 THAT IT OFTEN ALLOHS DEBRIS TO RICO 3 NA NA NA C CHET NEAR PERSONNEL HALKWAYS. CI EX PRESSED & CONCERN THAT APPROPRIATE S HIELDING SHOULD BE INSTALLED TO REDU ETAILS ARE AVAILABLE. OTC :1 -85-546-00101 N HBN PERSONNEL AIR LOCK ON UNIT 2 (IN 07E 2 NA NA NA NO RATION) CAUSED THO PERSONNEL TO BE I T50047 NJURED. BELIEVE AIR LOCK DOES NOT N 3 NA NA NA A EED TO BE UNDER PRESSURE AT THIS TIM 7.0 E. (DETAILS KHOHN)

IN-85-579-003

OTC

ANT.

REF. SECTION .

CAT - SF SUBCAT - 910

1.10, 2.3.10.

3.3.10, 4.10,

1.5, 2.3.5,

3.3.5, 4.5,

3.3.1. 4.1

7.0

POOR HOUSECLEANING THROUGHOUT THE PL 1.1, 2.3.1,

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

N HBN

2 NA HA HA HO

3 NA HA HA A

910

11 -85-579-00301

T50052

EFERENCE REQUENCY P - ISSS	- ECPS131J- - REQUEST - RHM	ECPS131
TEGODY. SE	THRISTOTAL	SAFETY

TENNESSEE VALLEY AUTHORITY
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CONCERN HUMBER	CAT	SUB CAT	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 0 CAT - SF SUBCAT - 910
" -85-583-00201 T50055	SF	910	и нви	1 N N N Y 2 HA NA HA HO 3 NA HA HA C	IN-85-583-002	QTC	OXYGEN & ACETYLENE HEADERS THROUGHTO UT UNIT 02 ARE NOT CAPPED OFF WHEN NOT IN USE.	1.4, 2.3.4, 3.3.4, 4.4, 7:0

1 -85-615-00201 T50058	SF	910	N HBN	1 N N 2 NA NA 3 NA NA	NA HO		QTC	NO SAFETY LIMIT SHITCH ON AIR LOCK DOOR (713' FROM PORTAL TO ELEVATOR) COULD RESULT IN DOOR CLOSING ON A PERSON AND INJURING HIM/HER.	1.5, 2.3.5, 3.3.5, 4.5, 7.0
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% -85-684-00201 SF T50063	910	N MBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA C	QТС	INADEQUATE LIGHTING IN 2ND SHIFT PAR KING LOT. VEHICLES MUST PASS THROUG H PERSONNEL HALKHAYS. CI HAS NO MOR E INFORMATION.	1.3, 2.3.3, 3.3.3, 4.3, 7.0
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CO:ICERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

EFERENCE - ECPS131J-ECPS131C REQUENCY - REQUEST IP - ISSS - RHM TENNESSEE VALLEY AUTHORITY
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SUBCATEGORY: 910 UNSAFE CONDITIONS

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TEGORY: SF INDUSTRIAL SAFETY

CONCERN NUMBER	CAT	SUB	S H R PLT D LOC	2 S	AF I	CLA	IPPL ITED ISS I HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION D CAT - SF SUBCAT - 910
! -85-743-00201 T50077	SF	910	N HBN		A N		NO B	IN-85-743-002	QTC	TRAFFIC CONTROL/LANE LINES NEED REPAINTING ON ACCESS ROADS AND IN PARKING LOTS. NO FURTHER DETAILS AVAILABLE.	1.3, 2.3.3, 3.3.3, 4.3

1 -85-758-00201 T50673	OP	313	S HBN	1 2	IN-85-758-002	QTC	CLEANLINESS IN THE AUX. BUILDING IS NOT WHAT IT SHOULD BE. THERE IS DUST, DIRT AND GRIME EVERYMHERE. (UNIT	1.3, 2.3.1, 3.3.3, 4.1
02	SF	910	S HBN	I N N N Y 2 NA NA NA NO 3 NA NA NA A			1) NO ADDITIONAL INFORMATION AVAILABLE. NO FOLLOM-UP REQUIRED.	

71	-85-803-00101 T50083	SF	910	N HBN	N NA A NA		IN-85-803-001	QTC	CRANE PARKED BY THE SHACKS AT THE EN TRANCE OF THE TURBINE BUILDING OFTEN SHINGS HEAVY LOADS OVER THE SHACKS	1.8, 2.3.8, 3.3.8, 4.8
									HHILE EMPLOYEES ARE INSIDE. A SUB-CONTRACTOR DOING ROOFING HORK IS OPER ATING THE CRANE AND NAKES NO ATTEMPT	
									KS. THE SAFETY DEPARTMENT HAS NOTIFIED BUT NO RESPONSE HAS BEEN NOTED. (NOTIFIED 2 HEEKS AGO.) NO FURTHER DETAILS AVAILABLE	

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

- ECPS131J-ECPS131C - REQUEST EFERENCE :EQUENCY IP - 1555 - RIM

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TEGORY: SF INDUSTRIAL SAFETY

SUBCATEGORY: 910 UNSAFE CONDITIONS

				5050M1250M1. 720				
CONCERN NUMBER	CAT	SUB	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - SF SUBCAT - 910
1 -85-934-00101 T50096	SF	910	N HBN	1 M M M Y 2 MA MA NA NO 3 MA NA NA A		QTC	METAL FILINGS/SHAVINGS/SLIVERS RESULTING FROM CONSTRUCTION ACTIVITIES IN REACTOR BUILDINGS OF BOTH UNITS ARE NOT CLEANED UP OFTEN ENOUGH, MHICH RESULTS IN A PERSONNEL SAFETY HAZARD, PARTICULARLY TO INDIVIDUALS HHO MU HAS NO FURTHER INFORMATION. NO FOLL OH UP REQUIRED	1.1, 2.3.1, 3.3.1, 4.1
1 -85-991-00101 750100 02	OP SF	301 910	S MBN S MBN	1 2 3 1 N N N Y 2 NA NA NA NO 3 NA NA NA B	IN-85-991-001	• ФТС	DOOR SYSTEM ENTERING AIRLOCK, ELEV. 713 BETHEEN AUXILLIARY AND SERVICE B UILDING (DOUBLE DOORS BY CHEMISTRY L AB), CAN BE HAZARDIOUS DUE TO SYSTEM OF OPERATION. DOORS ARE AIR OPERAT ED, AND ONE DOOR SHINGS HARD AND FAS NO FURTHER INFORMATION. NO FOLLON UP REQUIRED.	1.5, 2.3.5, 3.3.5, 4.5, 7.
Я -86-008-00201 T50108	SF	910	N HBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA A	IN-86-008-002	Q TC	A LACK OF GOOD HOUSE KEEPING PROCEDU RES. SCRAP METAL, HANGERS, AND EXCE SS MATERIAL CLUTTER THE HORK AREA IN TURBINE BLOG CAUSING A PERSONNEL SA FETY HAZARD. CI HAS NO FURTHER INFO RNATION NO FOLLOW UP REQUIRED	1.1, 2.3.1, 3.3.1, 4.1

- ECPS131J-ECPS131C REQUENCY - REQUEST "P - ISSS - RIM TEGORY: SF INDUSTRIAL SAFETY

TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POHER EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS) EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY SUBCATEGORY: 910 UNSAFE CONDITIONS

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CONCERN NUMBER	CAT	SUB	S H R PLT D LOC	1 REPORT APP 2 SAF RELATE 3 FIND CLASS BF BL SQ H	D HISTORICAL	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION CAT - SF SUBCAT - 910
7 -86-059-00101 T50111	SF	910	N MBN	1 N N N Y 2 NA NA NA N 3 NA NA NA D	IN-86-059-001	QTC	IN THE TURBINE BUILDING (EL. 708') NEAR THE HORK PLAN BOOTH AND ACCESS PORTAL ARE SOME RED LOCKERS HHICH CONTAIN FLANMABLE MATERIAL. THIS MATERIAL SHOULD BE MOVED OUTSIDE FOR FIRE PREVENTION. CI HAS NO ADDITIONAL I	1.7, 2.3.7, 3.3.7, 4.7, 7.0
1 -86-246-01401 T50142 02	or s.	301 910	S HBN	1 2 3 1 N N N Y 2 NA NA NA N 3 NA NA NA A	IN-86-246-014	QTC	THO LARGE METAL DOORS ARE INOPERABLE AND ARE DANGEROUS. ELEV. 713' (THR OUGH PORTALS-INSIDE SECURITY). THEY ARE CURRENTLY BEING KICKED OPEN. NUCLEAR POHER CONCERN. CI HAS NO FUR THER INFORMATION.	1.5, 2.3.5, 3.3.5, 4.5, 7.0
AH-85-003 _{(//} 01	SF	910	N SQN	1 N N Y N 2 NA NA NO N 3 NA NA C N		OECP	INDUSTRIAL SAFETY - IF ELECTRICAL MA INT. IS TESTING H2 IGNITORS, AND YO U MUST HORK IN #4 ACCUMULATOR ROOM, ONE MUST GET VERY CLOSE TO IGNITOR A ND RISK BEING BURNED.	1.14, 2.3.14 3.3.14, 4.14

EFERENCE		ECPS131J-ECPS1310
:EQUENCY	-	REQUEST
3331 - OL		

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OFFICE OF NUCLEAR POHER
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EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY

TEGORY: SF	INDU	USTRIAL	L SAFE	TY	SUBCATEGORY: 910	UNSAFE CONDITIONS		
CONCERN NUM	IBER	CAT	SUB	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ MB	HISTORICAL CONCER REPORT ORIGIN		REF. SECTION (CAT - SF SUBCAT - 910
31-85-005	01	SF	910	N SQN	1 N N Y N 2 NA NA NO NA 3 NA NA C NA	OECP	CARS PARKING ALONG THE CURB OF PARKI NG LOT BI HERE BLOCKING THE VIEW OF CARS PULLING OUT.	1.1.14, 2.3.14, 3.3.14, 4.14,
311-0126	. 01	SF	910	н ивн	1 N N N Y 2 NA NA NA NO 3 NA NA NA C	OECP	DOOR KNOB ON C56 BETHEEN CONTROL ROO M AND HALLHAY OUTSIDE OF SE OFFICE I S TOO CLOSE TO EDGE OF DOOR. FRIDAY 11/23, AND EMPLOYEE'S HAND GOT CAUG HT AND HAS INJURED.	3.13, 4.13
5H-0132	•1	SF	910	N HBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA C	OECP	INSTALL A CURB AROUND THE NEUTRALIZA TION TANK (T.B.EL685) TO CONTAIN CAU STIC ACID SPILLS.	1.13, 2.3.13, 3.13, 4.13

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

EFERENCE - ECPS131J-ECPS131C REQUERCY - REQUEST RP - ISSS - RHM TENNESSEE VALLEY AUTHORITY
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EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY SUBCATEGORY: 910 UNSAFE CONDITIONS

TEGORY: SF	INDU	STRIA	L SAFE	TY	SUBCATEGORY: 910			(1/SUBCATEGURT	
CONCERN NU	MBER	CAT	SUB	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION (CAT - SF SUBCAT - 910
7H-0182	0 1	SF	910	N HBN	1 N N N Y 2 NA NA NA NO 3 NA NA NA A		OECP	BOXES ON PALLETS IN FRONT OF CARPENT ER SHOP NEED TO BE MOVED. CAN STOP DOOR SHINGING OUT HITTING PEOPLE COMING UP THE HALL.	1.13, 2.3.13, 3.13, 4.13
7H-0185	01	SF	910	N MBN	1 N N N Y 2 NA HA NA NO 3 NA NA NA C		OECP	SAFETY RACKS FOR TEMPORARY STORAGE O NLY ON BOTH SIDES OF GATE 126 AND AN YHHERE ELSE WHERE PRESSURIZED GAS CY LINDERS ARE TEMPORARILY LEFT WHILE I N TRANSIT, HOULD ELIMINATE A HAZARD THAT PRESENTLY EXISTS.	1.13, 2.3.13, 3.13, 4.13
'm-0185	61	SF	910	N MBN	1 M M M Y 2 MA MA MA MO 3 MA MA MA C		OECP	GREASE FITTINGS ON LOHER BEARING CAP SULE IS VERY CLOSE TO THE MOTOR SHAFT. HHEN GREASING THIS LOHER MOTOR BEARING HHEN MOTOR IS RUNNING, EMPLOY EE COULD GET CAUGHT IN THE MOTOR COUPLING. CI SUGGESTS HAVING THE FITTI AT SERVICES ARE AHAY FROM THE TURNIN	1.13, 2.3.13, 3.13, 4.13

G SHAFT. (ALL ERCH MOTORS)

FERENCE - ECPS131J-ECPS131C :EQUENCY - REQUEST :P - ISSS - RIM

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OFFICE OF NUCLEAR POHER EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)

: EGORY :	SF IND	USTRIA	L SAFE	TY	EMPLOYEE CONCERN SUBCATEGORY: 910		INFORMATION BY CATEGORY/SUBCATEGORY UNSAFE CONDITIONS				
ONCERN	NUMBER	CAT	SUB	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB		CERN GIN CONCERN DESCRIPTION	REF. SECTION CAT - SF SUBCAT - 910			
*u-0187	01	SF	910	N HBN	1 N N N Y 2 MA NA NA NO 3 NA NA NA B	OE		1.13, 2.3.13, 3.3.13, 4.13			
7H-0188	01	SF	910	и нви	1 N N N Y 2 NA NA NA NO 3 NA NA NA B	ŌE	CP BUMPING HAZARDS IN LOHER CONTAINMENT AT AND AROUND PLATFORMS TO PZR RELI EF TANK 9 716' & 724' ELEC. SUGGEST PADDING AND IDENTIFYING (TAPE) THESE HAZARDS.	1.13, 2.3.13, 3.3.13, 4.13			
38-0212	01	SF	910	н ивн	1 K N N Y 2 N.A NA NA NO 3 NA NA NA C	0 E	CP INADEQUATE ENTRANCE INTO MEDICAL TO TRANSPORT INJURED PERSON ON STRETCHE R TO EXAMINATION BED.	1.13, 2.3.13, 3.3.13, 4.13			

FERENCE - ECPS131J-CCPS131C PAGE TENNESSEE VALLEY AUTHORITY 18 :EQUENCY - REQUEST OFFICE OF NUCLEAR POHER RUH TIME - 16:50:14 RUN DATE - 01/28/87 P - 1555 - PIM EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS) EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY :FGORY: SF INDUSTRIAL SAFETY SUBCATEGORY: 910 UNSAFE COUDITIONS 1 REPORT APPL 2 SAF RELATED REF. SECTION . SUB R PIT S FIND CLASS HISTORICAL CONCERN CAT - SF SUBCAT - 910 BF BL SO HB ORIGIN CONCERN DESCRIPTION CONCERN NUMBER CAT CAT DIOC REPORT DECP HELD SOME TYPE OF METAL OR STEEL HOO 11-0243 1.13, 2.3.13, 2 NA NA NA NO 3 NA NA NA C K ON LIQUID HITROGEN DUER CART. TO S 3.3.13. 4.13 ECURE BOTTLE FROM RELEASING. OFCP NEED MECH. MAINT. FITTERS TO REMOVE 1.13, 2.3.13, 2 NA NA NA NO 3 NA NA NA C OR RELOCATE PIPING. (1-DRV-889 DRAIN 3.3.13, 4.13) IT IS A SAFETY HAZARD AT EYE LEVEL ELV.708.T.B. TB-J LINE STEAM GENER ATOR BLOHDOHN SYSTEM

OFCP

CAP.

SERVICE AIR HEADERS IN RBI HAVE CAPS 1.13, 2.3.13,

3.3.13..4.13

HHEN NOT IN USE. IF VALVE LEAKS, I

T NEEDS REPAIR. PEOBLEM IS THERE IS NO MAY TO BLEED THIS DOWN TO REMOVE

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

2 NA NA NA NO

3 NA NA NA A

*11-0268

FERENCE EQUENCY P - ISSS -	- REG	VEST	-ECPS1				RUI ((ECPS) RUI	PAGE - 19 RUN TIME - 16:50:14 RUN DATE - 01/28/87	
ONCERN NU	(BER	CAT	SUB CAT	S H R PLT D LOC	1 REPORT APPL 2 SAF RELATED 3 FIND CLASS BF BL SQ HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION (CAT - SF SUBCAY - 910
≒n-0271	•1	SF	910	N HBN	1 M N N Y 2 MA HA NA NO 3 NA NA NA C		OECP	THERE IS A NEED FOR REFLECTORS ALON THE ROAD ENTERING AND THE MORNING XIT OF THE PLANT TO HELP DRIVERS DUING FOG AND HEAVY RAIN.	E 3 3 13 4 13 .
7m-600IS	•1	SF	910	н ивн	1 N N N Y 2 NA NA NA NO 3 NA NA NA C		OECP	THE THREE PHASE BENCH GRINDERS IN E SHOPS NEED LIGHTS INSTALLED ON THE STARTER TO INDICATE WHEN THEY ARE UNNING CAUSING A SAFETY HAZARD.	(M. 1.13, 2.3.13, E. 3.3.13, 4.13
700 m	01	SF	910	N HBN	1 M M M Y 2 MA MA MA MO 3 NA MA MA C	۵	OECP	CI BELIEVES THAT THE LONG CHAIN AT HE LOADING DOCK HILL NOT PROPERLY S CURE THE EMPTY CYLINDERS.	т 1.13, 2.3.13, БЕ 3.3.13, 4.13

FERENCE - ECPS131J-ECPS131C EQUENCY - REQUEST IP - ISSS - RIM

EGORY: SF INDUSTRIAL SAFETY

TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)
EMPLOYEE CONCERN INFORMATION BY CATEGORY/SUBCATEGORY
SUBCATEGORY: 910 UNSAFE CONDITIONS

PAGE - 20 RUN TIME - 16:50:14 RUN DATE - 01/28/87

CONCERN NUMBER	CAT	SUB		PLT LOC	2	SA	F R	ELA	TED SS HB	HISTORICAL REPORT	CONCERN ORIGIN	CONCERN DESCRIPTION	REF. SECTION 8 CAT - SF SUBCAT - 910	
H-85-001 01	SF	910	N	HBN			N NA NA		Y NO A		OECP	A CONCERN HAS BEEN EXPRESSED THAT IN DIVIDUALS ARE ATTACHING EAR PLUGS TO HARD HATS USING HIRE. CI BELIEVES THIS IS A HEALTH HAZARD	1.13, 2.3.13, 3.3.13, 4.13	

OECP

AIR FILTERS IN THE DOOR TO JERRY COL 1.13, 2.3.13 LINS OFFICE SHOULD BE COVERED WITH E 3.3.13, 4.13 RIKE THE HETAL PORTION OF THE FILTER S THEY HOULD RECEIVE A SEVER CUT.

59 CONCERNS FOR CATEGORY SF SUBCATEGORY 910

CONCERNS ARE GROUPED BY FIRST 3 DIGITS OF SUBCATEGORY NUMBER.

ECSP Corrective Action Tracking Document (CATD)

INITIATION			Appl	icable ECSP Report NO
1.		ctive Action Requ		Y No
2.	Stop Work Recom	mended: 🗆 Yes	■ No	
3.	CATD No. 9100	0-2	4. INITIATION	DATE 8/12/86
5.		ANIZATION: Browns		
6.	PROBLEM DESCRIP	TION: QR M NQR	Additional ligh	ting and
				gate structure No. 3
	to resolve an el	he deleved until	the nest outage	te DCR D3251. This unit 3, cycle 5.
				☐ ATTACHMENTS
7.	PREPARED BY: N	AME C. R. Petty		DATE: 8/11/86
8.	CONCURRENCE: C	EG-H ZOCS	est -	DATE: P/21/PZ
9.	APPROVAL: ECTG	PROGRAM MGR.	Ken	DATE: 8/2/80
CORRECTIVE	ACTION			
10	BRADASED CARRECT	TIVE ACTION PLAN:		
10.	PROPOSED CORREC.	IIVE SULLUN FLAM.	See Attached	STORY CONTROL OF THE
	A CONTRACT OF THE REAL PROPERTY OF THE PROPERT			
				ATTACHMENTS
11.		IRECTOR/MGR: SUD.	Age for H.P. Pamer	
12.	CONCURRENCE: CE		0	DATE:
	SR			DATE:
				DATE:
				DATE:
				_ DATE:
	EC.	IG PROGRAM MGR: _		DATE:
VERIFICATIO	N AND CLOSEOUT			
13.	Approved correctimplemented.	tive actions have	been verified a	s satisfactorily
	SIGNATU	u . .	TITLE	DATE

ECSP CORRECTIVE Action Tracking Document (CATD)

			(CAID)			
INITIATION						
1.	Immediate (Corrective Act	tion Required	l: 🗆 Yes	DC No	
2.		lecommended:				
3.		1000 - 3			DATE 8/12/	186
5.	RESPONSIBLE	ORGANIZATION	1: ONP Sequo	yah Nuclear	Plant	
6.	PROBLEM DES	CRIPTION: 0	OR MOR V	lves for the	caustic di	lution
	station hot	water tank	on elevation	685 at T6 an	d D lines do	not
	have shield	s to prevent	caustic solu	tion from sp	raying on pe	rsonne.
				X	□ ATTAC	
7.	PREPARED BY		I. Rogers	Talan		/13/86
6.	CONCURRENCE			-//		118/86
9.	APPROVAL:	ECTG PROGRAM	MGR. DUSTE	yell to	DATE: 2	15(4)
CORRECTIVE	ACTION			00	/	
10.	PROPOSED CO	RRECTIVE ACTI	ON PLAN.	1000	courtie dil	
	stations ho	t water tank	on 1 min	687 47 1/00	shielded to	OFORE
	caustic sol	ution from sp	Aversion be	rannel. Wou	k Request 1	25-190
	dated Augus	t 15, 1986 Ma	s Sub sub	tred to shie	d these val	VO C
		start of the				
		10.5	117			
		16.12	1//			
			• //		No. of the later of the	
			5			
	13	15. 11.				
			-111	4	O ATTAC	
11.	PROPOSED BY		GR: Seepul	Mucent		21/86
12.	CONCURRENCE	THE RESIDENCE OF THE PARTY OF T			DATE:	The state of the
		SRP:			_ DATE:	
		ECTG PROGRA	n ngk:		_ DATE:	

VERIFICATION AND CLOSEOUT

13.	Approved corrective	e actions	have b	een verified	as satisfactorily
	implemented.				

. [1] 하고말이 되었다면 하는 10년 12년 12년 12년 12년 12년 12년 12년 12년 12년 12

ECSP CORRECTIVE Action Tracking Document (CATD)

		27275		(1 a b 1)	
T	TT	AT1	ON		

THILLATION					
1. 2.	Stop Work Re	commended:			
3. 5.	CATD NO. 91	OPCANTZATION:	4. INITIA	TION DATE 8/	12/86
i.	PROBLEM DESC	CRIPTION: QR ot contain proc	NOR Revision	18 of Standar	d Practice al Safety
7.	PREPARED BY:	NAME J T	Rogers _/TKm	DATE:	TTACHMENTS 8/13/86
8.	CONCURRENCE:	CEG-H	5.00	DATE:	
9.	APPROVAL: E	CTG PROGRAM MGR	. Dustance	DATE:	
CORRECTIVE	ACTION		TEN		
10.	PROPOSED COR revised to i related fork	RECTIVE ACTIONS	Topost 1. 19	Practice SON-2	will be sfety
	the work	be completed	Japanery 1, 190	request was o	anceled.
11.	PROPOSED BY:	DIRECTOR/MGR:	Hulut There		P/W/KG
12.	CONCURRENCE:	The second of th		DATE:	
		SRP: ECTG PROGRAM NO	it:	DATE:	
VERIFICATIO	N AND CLOSEO				
13.	Approved corrimplemented.	rective actions	have been verifi	ed as satisfa	ctorily
	SIGNA	ATURE	TITE	2	DATE

ECSP CORRECTIVE Action Tracking Document (CATD)

1.	Immediate Co	rrective Action	Require	d: 🗆 Tes	₩ No	
2.		commended:				
3.	CATD No.	91000-5	4.	INITIATION	N DATE 08-	-22-86
5.	RESPONSIBLE (ORGANIZATION: 0	NP Watts	Bar Nuclean	Plant	
6.		RIPTION: QR				
	revealed a	lack of knowled y a limit of th	e on the	HCI-HHI FO	equirement	ishinata in
	a single are			MEDIE IIQUIC	S SCOLERG	-avrages ra
				- Septiment		
	00000000 09	NAME // E	0.7	-	and the contract of the last of the last	TTACHMENTS
7. 8.	PREPARED BY: CONCURRENCE:	NAME CEG-H	110		DATE:	10-11-100
9.		CIG PROGRAM MGR	A YU	an and	The Charles	2/2/07
			200	4/140		-516:17
CORRECTIVE	ACTION		China.	109		
		1.8	6 300	17/		
10.			PLA : / 1			
	All annidechi	plant supervi				
		ALTERNATION OF THE PARTY OF THE			i 1	December Control
	the flammable	liquids handli				
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction		minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a	"Hazardline"
	the flammable Instruction	es upl. The re	minder w	ill be incl	uded in a prior to J	"Hazardline"
11.	The flammable Instruction (safety bull) PROPOSED BY:	DIRECTOR/HGR:	minder w	ill be incl	uded in a prior to J.	"Hazardline" anuary 1, 1987
11. 12.	the flammable Instruction (safety bull)	DIRECTOR/HGR:	minder w	ill be incl	uded in a prior to J. DATE: DATE:	"Hazardline" anuary 1, 1987
	The flammable Instruction (safety bull) PROPOSED BY:	DIRECTOR/MGR: CEG-H: SRP:	Minder with Safe	ill be incl	DATE: DATE: DATE:	"Hazardline" anuary 1, 1987
	The flammable Instruction (safety bull) PROPOSED BY:	DIRECTOR/HGR:	Minder with Safe	ill be incl	uded in a prior to J. DATE: DATE:	"Hazardline" anuary 1, 1987
12.	The flammable Instruction (safety bull) PROPOSED BY:	DIRECTOR/HGR: CEG-H: SRP: ECTG PROGRAM NO	Minder with Safe	ill be incl	DATE: DATE: DATE:	"Hazardline" anuary 1, 1987
12. VERIFICATI	PROPOSED BY: CONCURRENCE:	DIRECTOR/HGR: CEG-H: SRP: ECTG PROGRAM HOUT	Minder with Safe	ill be inclity Section	DATE: DATE: DATE: DATE:	"Hazardline" anuary 1, 1987 TTACHMENTS 9/25/36
12.	PROPOSED BY: CONCURRENCE:	DIRECTOR/HGR: CEG-H: SRP: ECTG PROGRAM NO	Minder with Safe	ill be inclity Section	DATE: DATE: DATE: DATE:	"Hazardline" anuary 1, 1987 TTACHMENTS 6/25/86

TITLE

DATE

SIGNATURE