그녀가 있는데 하는 사람들이 마음하셨다는데 하는데 그는데 지난 사람들이 했다면 그리지 않아 하지만 하는데 하는데 하는데 하는데 하는데 되었다면 보다 하는데 되었다.
CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 M I D C C 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5 5 TOTAL SE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58
REPORT L 6 0 5 0 0 0 3 1 5 7 0 91 0 8 2 8 2 2 8 8 3 9 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 L DURING OPERATION IN MODE 4 FOLLOWING REFUELING, IT WAS DISCOVERED
0 3 THAT REQUIRED SURVEILLANCE TESTING FOLLOWING INSTALLATION OF DESIGN
CHANGE C THE CONTROL ROOM VENTILATION SYSTEM HAD NOT BEEN PERFORMED
[0]5 RENDERING THE SYSTEM INOPERABLE PER T.S. 3.7.5.1. THE NECESSARY
0 6 TESTING WAS COMPLETED 1 HOUR AND 8 MINUTES FOLLOWING DISCOVERY
0 7 WHICH RESTORED THE VENTILATION SYSTEM TO AN OPERABLE STATUS.
0 B L 80
SYSTEM CAUSE SUBCODE COMPONENT CODE SUBCODE SU
17
THE PRIME CAUSE OF THIS EVENT HAS BEEN ATTRIBUTED TO PERSONNEL ERROR
WITH ADMINISTRATIVE CONTROLS THAT LACKED CONTINUITY BEING A MAJOR
ONTRIBUTING FACTOR. THE PERSONNEL INVOLVED HAVE REVIEWED THE EVENT
AND ARE AWARE OF ALL PERTINENT ASPECTS. ADMINISTRATIVE CONTROLS
HAVE BEEN STRENGTHENED TO BETTER DEFINE AND AMPLIFY THE REQUIREMENTS.
FACILITY STATUS STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 1 5 C 28 0 0 0 29 N/A 44 45 46 46 80
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 1 6 Z 33 Z 34 N/A N/A N/A 80
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39 1 7 0 0 0 0 37 Z 38 N/A
PERSONNEL INJURIES NUMBER DESCRIPTION 41
1 1 0 0 0 (49) N/A 8303080344 830228 80 80 80 80 80 80 80
LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION N/A B303080344 05000315 PDR ADDCK 05000315
PUBLICITY ISSUED DESCRIPTION 45
2 0 N (44) / N 2 10 N/A
NAME OF PREPARER T.P. BEILMAN PHONE (616) 465-5901

THE JOB ORDER AND CLEARANCE PERMIT WHICH AUTHORIZED THE DESIGN WORK ON THE CONTROL ROOM VENTILATION SYSTEM WERE REVIEWED. BOTH WERE FOUND TO CONTAIN VAGUE DESCRIPTIONS OF THE ACTUAL WORK TO BE PERFORMED. FURTHER INVESTIGATION REVEALED THAT THE USE OF "BLANKET" JOB ORDERS TO AUTHORIZE WORK OF A BROAD OR UNDEFINED SCOPE WAS NOT UNCOMMON.

THE PLANT MANAGER INSTRUCTIONS RELATIVE TO JOB ORDERS AND . CARNACE PERMITS WERE REVIEWED. THESE INSTRUCTIONS WERE FOUND TO CONTAIN ADEQUATE INFORMATION ON THE PREPARATION OF JOB ORDERS AND CLEARANCE PERMITS. THE ADMINISTRATIVE CONTROLS LACKED CONTINUITY AND THESE INSTRUCTIONS WERE DEEMED TO NEED REVIEW AND REVISION. THE FOLLOWING ACTIONS HAVE BEEN/ARE BEING TAKEN TO PREVENT RECURRENCE:

- A) ON SEPTEMBER 24, 1982, AN OPERATIONS DEPARTMENT STANDING ORDER WAS

 INSTITUTED WHICH PROHIBITS THE CHANGE OF MODES DURING START-UP WITH

 ANY REDUNDANT TECHNICAL SPECIFICATION EQUIPMENT INOPERABLE OR UNDER A

 CLEARANCE PERMIT WITHOUT A DOCUMENTED REVIEW AND MANAGEMENT APPROVAL.
- B) ON SEPTEMBER 29, 1982, THE PLANT MANAGER ISSUED MEMO TO ALL PLANT

 DEPARTMENT HEADS AND THE CONSTRUCTION MANAGER WHICH DESCRIBED THE EVENT AND

 INSTITUTED ADDITIONAL REQUIREMENTS IN THE AREA OF DESIGN CHANGES WHICH

 BECAME EFFECTIVE IMMEDIATELY. THESE ADDITIONAL REQUIREMENTS INCLUDED;

 A REVIEW BY THE OPERATIONS DEPARTMENT OF ALL ACTIVE DESIGN CHANGE CLEARANCE

 PERMITS TO ASSURE ADEQUACY, INVOLVEMENT OF THE DESIGN CHANGE COORDINATOR

 ON CLEARANCE PERMIT REQUESTS AND RELEASES AND A REVIEW BY THE DESIGN

 CHANGE COORDINATORS OF ALL JOB ORDERS ASSOCIATED WITH DESIGN CHANGES TO

 ASSURE THAT THE SCOPE OF THE WORK AND RELATED TESTING REQUIREMENTS ARE

 WELL DEFINED.
- ON NOVEMBER 23, 1982, THE PLANT MANAGERS INSTRUCTION ON JOB ORDERS WAS ISSUED AFTER A COMPREHENSIVE REVIEW. THIS REVISION PROVIDES ADDITIONAL GUIDANCE AND CONTROLS FOR THE PREPARATION, PLANNING AND PERFORMANCE OF JOB ORDERS.

D) THE PLANT MANAGERS INSTRUCTION ON CLEARANCE PERMITS IS BEING REVISED

TO ADDRESS THE APPLICABLE ASPECTS OF THIS EVENT. THE ISSUANCE OF

THIS INSTRUCTION HAS BEEN COMMITTED TO IN THE DONALD C. COOK PLANT'S

NUCLEAR REGULATORY PERFORMANCE IMPROVEMENT PROGRAM WHICH WAS SUBMITTED

TO THE NRC UNDER AEP:NRC:0625c. THE IMPLEMENTATION AND VERIFICATION OF

THIS COMMITMENT WILL BE TRACKED UNDER THIS PROGRAM.