|            | LICENSEE EVENT REPORT   |
|------------|---|
| •          | CONTROL BLOCK:  |
|            | MI I D C C 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |
| CON'T      | REPORT L 6 0 5 0 0 3 1 6 0 5 1 1 8 2 8 0 5 2 5 8 2 9<br>SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80  |
| 02         | EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  |
| 013        | I adequacy of the piping arrangement external to the Containment Air  |
|            | Sampling penetrations did not take into account the seismic affects   |
| 05         | of concentrated masses (Padlocks/Chains) on the isolation valves  |
| 06         | at these penetrations. The calculated values of the Padlocks/Chains   |
|            | <pre>exceeded the allowable values of O.B.E. and D.B.E. design conditions.</pre>  |
| 08         |   |
| 7 8        | 9<br>SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE SUBCODE  |
| 09<br>78   | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $   |
|            | $\begin{array}{c c c c c c c c c c c c c c c c c c c $  |
|            | ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT FORM SUB. PRIME COMP. COMPONENT METHOD HOURS 22 ATTACHMENT FORM SUB. SUPPLIER MANUFACTURER 233 01 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10         | The Analysis revealed that the piping at the Containment Air Sampling   |
| 11         | Penetrations was overstressed beyond the code allowable for O.B.E. and  |
| 1 2        | D.B.E. conditions due to padlocks/chains added. Immediate corrective  |
| 13         | Laction was initiated by removing the padlocks/chains and replacing   |
| 14         | L them with lightweight seals. (See Attached Supplement)  |
|            | FACILITY<br>STATUS Spower OTHER STATUS (30) METHOD OF<br>DISCOVERY DISCOVERY DESCRIPTION (32)   LE 28 1 0 0 29 NA C (31) Engineering Review 30  |
|            | ACTIVITY CONTENT<br>RELEASE OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36 NA  |
| 7 8        | 9 10 11 44 45 80<br>PERSONNEL EXPOSURES (20)  |
| 1 7<br>7 8 | PERSONNEL INJURIES 13   |
| TT.        |   |
| / 8        | 9 11 12 80<br>LOSS OF OR DAMAGE TO FACILITY (43)  |
| 1 9        | 2 42 NA<br>9 10 R206020300 R20525   |
| 20         | PORTICITY PDR ADOCK 05000316<br>ISSUED DESCRIPTION (45) PDR ADOCK 05000316<br>PDR DR D   |
| / 8        |   |

## ATTACHMENT TO LER #82-040/01T-0

## SUPPLEMENT TO CAUSE DESCRIPTION

THE ANALYSIS REVEALED THAT THE PIPING AT THE CONTAINMENT AIR SAMPLING PENETRATIONS WAS OVERSTRESSED BEYOND THE CODE ALLOWABLE FOR OPERATING BASIS EARTHQUAKE (O.B.E.) AND DESIGN BASIS EARTH-QUAKE (D.B.E.) DESIGN CONDITIONS. THE OVERSTRESS WAS CAUSED B Y THE ADDITIONAL MASS INTRODUCED BY MOUNTING THE PADLOCKS/ CHAINS TO THE ISOLATION VALVES AT THESE PENETRATIONS. THE PADLOCKS/CHAINS WERE PREVIOUSLY INSTALLED DURING MARCH 1980 AS A CORRECTIVE MEASURE TO PREVENT MIS-ALIGNMENT OF THESE VALVES AND TO INSURE CONTAINMENT INTEGRITY.

IMMEDIATE CORRECTIVE ACTION WAS INITIATED BY REMOVING THE PADLOCKS/CHAINS AND REPLACING THEM WITH A LIGHTWEIGHT SEAL. THIS WAS PERFORMED AT PENETRATIONS CPN-76 AND 89. IN ADDITION, AN INSPECTION, CONSISTING OF A WALKDOWN OF ALL SAMPLING AND INSTRU-MENT PENETRATIONS, WAS PERFORMED AND REVEALED ADDITIONAL PADLOCKS/ CHAINS AT CPN 32 AND 67. THESE PADLOCKS/CHAINS WERE ALSO IMMED-IATELY REMOVED AND REPLACED WITH A LIGHTWEIGHT SEAL.

A REVIEW OF LICENSEE EVENT REPORTS DID NOT REVEAL ANY COMMITMENTS MADE TO A SPECIFIC LOCKING ARRANGEMENT ON THE VALVE AT THE SAMPLING AND INSTRUMENT PENETRATIONS. A PLANT CONDITION REPORT (1-2-80-80) DID INDICATE THIS METHOD OF LOCKING WITH A METAL PADLOCK TO ENSURE PROPER VALVE POSITION. A REVISED STATEMENT OF THE NEW METHOD OF SEALING THE VALVES HAS BEEN NOTED AND THE CONDITION REPORT FILE UPDATED.

## ATTACHMENT TO LER #82-040/01T-0

THE SAMPLING PROCEDURE WAS MODIFIED TO INSURE THE SEALS ARE REPLACED ON THE CONTAINMENT ISOLATION VALVES AFTER SAMPLING IS COMPLETED. IN ADDITION, A PLANT MANAGER STANDING ORDER HAS BEEN ISSUED THAT RESTRICTS THE ADDITION OF SIGNIFICANT MASS TO CONTAINMENT ISOLATION VALVES ON SAMPLING OR INSTRUMENT LINES AT PENETRATIONS WITHOUT CONSIDERATION TO OPERATING BASIS EARTHQUAKE (O.B.E.) AND DESIGN BASIS EARTHQUAKE (D.B.E.) DESIGN CONDITIONS.