

file

TO: DICK HOLLIDAY

DATE: 8/15/89

FROM: CHARLES PARNELL

SUBJECT: NEW EDC
PELs

CRP

THE NEW EDC PEL COMMITTEE MET ON 8/14/89. BILLY SALTER, JOYCE WILLIAMS, BRAD KLINE, MAX HEKMAT, LEON ZERINGUE, JOHN SHAMBURGER, CAREY BRAZITIS AND CHARLES PARNELL WERE IN ATTENDANCE. LISTS OF JOBS OR TASKS THAT POSE POTENTIAL EDC EXPOSURE WERE SUBMITTED FROM EACH OPERATING UNIT. EACH JOB OR TASK ON THE LISTS IS BEING MONITORED FOR SHORT TERM EXPOSURE (15-20 MINUTES). MARK WOODS GROUP IS WORKING CLOSELY WITH EACH OPERATING UNIT TO COMPLETE THE SAMPLING. RON WILLIAMS AND MAX HEKMAT RECOMMENDED THAT EACH JOB BE SAMPLED THREE TIMES TO COLLECT ADEQUATE DATA. ATTACHED ARE COPIES OF THE ABOVE LISTS WITH THE LATEST SAMPLE DATA.

FOLLOWING ARE THE RECOMMENDATIONS BY THE COMMITTEE:

- (1) COMPLETE SAMPLING OF ALL JOBS ON THE POTENTIAL EDC EXPOSURE LISTS.
- (2) EVALUATE EACH LIST AND REMOVE ALL JOBS AFTER SAMPLING, THAT ARE BELOW THE EXPOSURE LIMITS. ADD NEW JOBS THAT ARE DETERMINED TO HAVE POTENTIAL EDC EXPOSURE.
- (3) USE AIR PURIFYING RESPIRATORS FOR ALL JOBS LISTED. THE HALF-FACE RESPIRATOR (COMFO II) IS APPROVED FOR CONCENTRATIONS OF 10 PPM FOR LONG TERM EXPOSURE (8 HOUR TWA) AND 20 PPM FOR SHORT TERM EXPOSURE (15 MINUTES). THE FULL-FACE CARTRIDGE RESPIRATOR IS APPROVED FOR LONG TERM IN CONCENTRATIONS OF 50 PPM AND SHORT TERM IN CONCENTRATIONS OF 100 PPM.
 - (A) ASSIGN RESPIRATORS TO EMPLOYEES IN HIGH EXPOSURE AREAS (MAY NEED UPDATED FIT TESTING).
 - (B) CARTRIDGES NEED TO BE REPLACED AT THE END OF THE SHIFT IN WHICH THEY ARE USED OR WHEN BREAKTHROUGH IS DETECTED.
 - (C) RESPIRATORS SHOULD BE STORED IN SEALED CONTAINERS.
- (4) UPDATE MEETINGS ON THE NEW EDC PELs BE CONDUCTED IN EACH OPERATING AND MAINTENANCE AREA BEFORE 9/1/89, BY THE COMMITTEE MEMBER REPRESENTING THEIR RESPECTIVE AREA.
- (5) EACH OPERATING AND MAINTENANCE AREA SHOULD STUDY THE JOBS ON THEIR LIST TO DETERMINE WHAT WORK PRACTICES OR ENGINEERING CHANGES ARE NEEDED TO REDUCE THE LEVEL OF EDC EXPOSURE.

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