

LOCATE WITH X

AVG READING

SHARE DEPARTMENT

INDUSTRIAL HYGIENE

HEAT STRESS EVALUATION

PLAINTIFF'S EXHIBIT

UC-1847

DATE 8/29/80

LOCATION: Typical reading of 529 and 629 first and second levels and 539 ground level

DATA:

DRY BULB 94.0 °F AMBIENT AIR VELOCITY 500 FPM

WET BULB 79.2 °F AIR VELOCITY CORRECTION --- FPM

GLOBE 102.0 °F EFFECTIVE AIR VELOCITY 500 FPM

METABOLIC RATE FOR ASSUMED WORK RATE BTU/HR.

RESULTS:

WBGT INDEX 86.0

RELATIVE HUMIDITY %

NORMAL EFFECTIVE TEMPERATURE °

E.T. CORRECTED FOR RADIATION °

HEAT STRESS INDEX (H.S.I.)

REMARKS:

RECOMMENDATIONS: