AGENDA
C-8 REVIEW - APRIL 26, 1990

I. INTRODUCTION - HOWARD SMITH

II. TOXICITY STATUS - GERRY KENNEDY
   - RESULTS OF HASKELL TESTICULAR EFFECTS STUDY
   - STATUS OF 3M STUDY - NOEL FOR LIVER EFFECTS

III. REVIEW OF ALL PERSONNEL AIR
     MONITORING AND BLOOD DATA - HOWARD SMITH

IV. REVIEW OF AIR, WATER, LAND PROGRAMS - BILL CRAWLEY
    - CALVIN CHIEN (HYDROGEOLIST)

V. PATH FORWARD - HOWARD SMITH

HAS/is
4/3/90
INVESTIGATION OF HORMONAL MECHANISMS FOR C-8 INDUCED LEYDIG CELL ADENOMA
MARK HURTT & JON COOK, HASKELL

0 IN THE TWO-YEAR 3M FEEDING STUDY, A DOSE-DEPENDENT INCREASE IN LEYDIG CELL ADENOMAS (TESTICULAR TUMORS) WAS OBSERVED. BECAUSE C-8 WAS NEGATIVE IN TWO SHORT-TERM TESTS, THE MECHANISM OF THE TUMOR INDUCTION BY C-8 WAS INVESTIGATED. SPECIFICALLY, THE EFFECT OF C-8 TREATMENT ON THE HORMONAL STATUS WAS EXAMINED.

0 THE RESULTS FROM THE STUDY SUGGEST THAT THE INDUCTION OF LEYDIG CELL ADENOMA BY C-8 IS HORMONALLY MEDIATED.

0 ALTHOUGH THE DATA FROM THE STUDY WAS FAR FROM FIRM OR COMMANDING, THE STUDY SCIENTISTS DID FEEL IT DID NOT PRECLUDE A HUMAN ROUTE FOR TESTICULAR TUMORS.

0 THIS STUDY IS SUPPORTIVE OF THE LOW LEVEL BENIGN TESTICULAR TUMORS IN THE 3M STUDY AND SUPPORTS OUR EXISTING LOW AEL.