

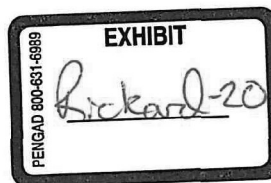
AGENDA  
C-8 REVIEW - APRIL 26, 1990

- I. INTRODUCTION - HOWARD SMITH
- II. TOXICITY STATUS - GERRY KENNEDY
- o RESULTS OF HASKELL TESTICULAR EFFECTS STUDY
  - o 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 (HYDROGEOLOGIST)
- V. PATH FORWARD - HOWARD SMITH

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INVESTIGATION OF HORMONAL MECHANISMS  
FOR C-8 INDUCED LEYDIG CELL ADENOMA  
MARK HURTT & JON COOK, HASKELL

- O 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.
  
- O THE RESULTS FROM THE STUDY SUGGEST THAT THE INDUCTION OF LEYDIG CELL ADENOMA BY C-8 IS HORMONALLY MEDIATED.
  
- O 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.
  
- O THIS STUDY IS SUPPORTIVE OF THE LOW LEVEL BENIGN TESTICULAR TUMORS IN THE 3M STUDY AND SUPPORTS OUR EXISTING LOW AEL.

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