EXHIBIT S42 TO DECLARATION OF STEPHEN G. SCHWARZ IN SUPPORT OF PLAINTIFFS' MOTION FOR CLASS CERTIFICATION

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

HAS/IS 4/3/90

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

- 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.
- 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 OID 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.

HASMITH/IS 4/12/90

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