SCIENTIFIC INFORMATION EXCHANGE
SMITHSONIAN INSTITUTION
1720 M STREET, N.W. PHONE 202-381-5511
WASHINGTON, D.C. 20036

EUR-3441

SUPPORTING AGENCY:

INTERIOR DEPARTMENT
BUREAU OF SPORT FISH. & WLF.
FISHERY RESEARCH DIVISION

ASSIGNED NUMBER(S):

FR 2216-3

TITLE OF PROJECT:

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH

PRINCIPAL INVESTIGATOR, ASSOCIATES AND DEPARTMENT/SPECIALTY:

DV SWEDBURG FISH PESTICIDE RESEARCH LAB
BF GRANT

RECIPIENT INSTITUTION:

U.S. DEPT. OF INTERIOR
BUR. OF SPORT FISH. & WILDLIFE
JACKSON, WYOMING

PERIOD FOR THIS NPP:

7/70 TO 6/71
FY71 FUNDS $8,000

SUMMARY OF PROJECT:

Aroclor 1243 will be administered for 160 days to immature lake trout in dietary concentrations of 1,2, 3,6, and 12.0 mg/kg of food giving dosage rates of 36.9, 108, and 360 ug/kg of body weight per day. Aroclor residues, mortality, and pathology will be evaluated throughout treatment and for 70 days after treatment. The fish will be tested for thyroid activity, recovery time from hexabarbital anesthesia, and their ability to withstand thermal shock after the exposure.

MONS 096720