MEMORANDUM

TO: The Files

FROM: Duane Anderson

SUBJECT: 1993 Phase IV, Anadromous Protection Update

The file PROTECT.MDB contains the dataset NEWANAD. This file corresponds to NEWANAD.DMS on the VAX and contains the differences between anadromous distribution between datasets FISH1 (hydro assessment study) and FISH2 (System Planning Update). The changes are grouped by change types which are described below.   *Chg-Type NE* ↗ *missing*   *This contains changes already made DTC of 8/8/90 in Protect - Tech. Changes*

I compared this file with NEWANAD.DMS and made sure they were the same. These *Mostly* records are also deleted in PROT1990.DMS, with a submitting agency (SA) field of "System Planning". ONLY CHANGE TYPES 1-3 WERE REPORTED FOR THIS PRINTOUT. They are the only change types which result in mileage changes. *- Revise this 4/19/93 - Need to*

The enclosed report details the changes by subbasin. If these changes are approved, I *report* will create a new dataset on the VAX called PROT1993 and dump the changes into that *all changes* dataset, and then update the PROTECT.DMS dataset.

Change Types:

CHG_TYPE 1 is a change from PROT U to PROT A. These reaches were found by searching for all reaches where OLDANADFL = F AND NEWANADFL = T AND PROT = U.

CHG_TYPE 2 is a change from PROT A to PROT U. These reaches were found by searching for all reaches where OLDANADFL = T AND NEWANADFL = F AND PROT = A.

CHG_TYPE 3 is a change in the protected percentage for PROT A's. This change will probably fall under the guise of a technical change. These reaches were found by searching for all reaches where OLDANADFL = T AND NEWANADFL = T. (Only the maximum percentages differ).

CHG_TYPE 4 are not really changes. These are reaches that were protected for a combination of fish or wildlife and anadromous (C's or D's) where the percent of anad use changed. The prot_per for all of these reaches was 1.00 (ie the whole reach) so the change in anad percent has no real bearing.

CHG_TYPE 5 is change in the reason for protection (ie B, F, or W to C or D). Reaches priorly protected for fish or wildlife only, now containing anadromous were changed to category D. Those with both fish and wildlife were changed to C.