

Completed as per
3-8-04 Meeting

Term and Condition 1

1. In order to minimize the likelihood of incidental take associated with the interaction of channel deepening with BPA's ability to evaluate flow regimes, the Corps shall coordinate with BPA to provide information necessary for them to carry out Action Item 162 of the FCRPS Hydropower biological opinion (December, 2000).

Action Item

This T&C requires the Corps to provide information to BPA for the development of their conceptual model as specified in FCRPS Action 162.

FCRPS Action 162: During 2000, BPA, working with NMFS, shall continue to develop a conceptual model of the relationship between estuarine conditions and salmon population structure and resilience. The model will highlight the relationship among hydropower, water management, estuarine conditions, and fish response. The work will enable the agencies to identify information gaps that have to be addressed to develop recommendations for FCRPS management and operations.

Action items: A conceptual model of the estuary system was developed during the reconsultation process for the Channel Improvement Project. All available information was used during the development of this model. Additional work on this conceptual model is being done by Dr Ron Thom of Northwest National Laboratories to use it in connection with the restoration plan being developed for the estuary as required by FCRPS 159. Ron is checking to see the relationship between 159 and 162 and to see if any additional information from the Channel Improvement Project monitoring program would be needed for completion of the conceptual model in FCRPS 162.

POC's

Bonneville: Jessica Wilcox
COE: Blaine Ebberts
USFWS: Gustavoal Bisbal
NOAA: Cathy Tortorici

Schedule: Completed.

Conclusion: The Corps has provided information from the Channel Improvement project to BPA for development of their conceptual model. BPA at this time has concluded their conceptual model is complete.