STATE OF CALIFORNIA -- THE RESOURCES AGENCY

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January 27, 2004

To: Plenary Group Participants

Subject: Study Plan Reports Delivered to the Collaborative/Comments
Oroville Facilities Relicensing Program
Federal Energy Regulatory Commission Project No. 2100

Attached is a list of the Study Plan reports and deliverables that have been shared with the collaborative over the last 14 months. Please peruse the attached list and provide any comments or input your review of these documents has generated since their distribution. We are seeking any factual corrections to the documents or specific omissions or deviations relative to the collaboratively-generated scopes of work for these studies that were formulated within the Alternative Licensing Process. For reference, the final ALP generated Study Plans can be found on the Oroville Facilities Relicensing web site, and these were also previously shared with the collaborative on CDs. Please provide your written comments on the reports itemized on the attached list by February 29, 2004. All comments should be sent to me:

Mr. Rick Ramirez, Program Manager
Department of Water Resources
Oroville Facilities Relicensing
1416 9th Street, Room 1601
Sacramento, CA 95814

Many of the reports of the attached list have been distributed and available for many months. Depending on the nature and volume of comments or corrections received, the Department will either circulate an errata and comment appendix for addition to already circulated final reports and for attachment to future printings, or in some cases, we may reproduce an amended report.

We also plan to distribute with all remaining Study Plan deliverables a transmittal letter requesting corrections and comments within 30 days of the work group's receipt of the report. We look forward to your input as we are seeking this in the spirit of the collaborative. If you have any questions please call me at (916) 657-4963.

Sincerely,

Mark E. Anderson

for Henry "Rick" Ramirez, Program Manager
Oroville Facilities Relicensing Program

Enclosure

Distribution List: (Available upon request.)

Project 2100 Study Plan Reports Delivered to the Collaborative (as of 01-22-04)

Resource Area/Study Report Name		Delivery Date
Cultural Resources		
C1	I.R. Cultural Resources Inventory	01/03
	D.R. Cultural Res. Inventory (Confidential Native American Items Removed)	04/03
Engineering and Operations		
E1.1	Statewide Operations Model	
	Operations Modeling Seminar	06/03
	Operations Modeling Workshop	08/03
	Operations Modeling Workshop	10/03
E1.2	Local Operations Model Development	
	Final enhancements completed	08/03
E1.3/ E1.4/E1.5	Oroville Reservoir/Thermalito Complx/F.R Temp. Model Development	
	I.R. on Temperature Model presented to E&O W.G.	04/03
E1.6	D.R. Feather Rive Stage Model Development	04/03
	F.R. Feather Rive Stage Model Development	06/03
E2	Performing Modeling Simulations	
	Operations Modeling Workshop/Handouts #2	08/03
	Operations Modeling Workshop/Handouts #3	10/03
E7	F.R. Oroville Reservoir Cold Water Pool Evaluation	07/03
Environmental-Fisheries		
F1	Evaluating the Impacts of Project Operation on Non-Fish Aquatic Resources	
	I.R. T1- Lit & Data Review	04/03
F2	Effects of Project Operations on Fish Diseases	
	I.R. Phase 1 Evaluation of Proj Effects on Fish Diseases	11/02
	D.R. Evaluation of Proj Effects on Fish Diseases	03/03
F3.1	Eval of Proj Eff's on Resident Fish and their Hab within Lake Oroville, it's Upstream Tribs, the Thermalito Complex, and the Oroville Wildlife Area	
	I.R. T1C-Fish Habitat in Lake Oroville's Upstream Tributaries	06/03
	T2A,T3A-Fish Species Comp: Lake Oroville, Therm D.P., Therm Forebay	07/03
	F.R. T2A-Eval Coldwater Pool Availability in Lake Oroville	03/03
	F.R. T2B-Eval Ability Lk Oro's Coldwater Pool to support Salmon Stock Recommendations	03/03
	I.R. T2C-Eval.Lake Oroville WSE Reductions on Bass Spawn Success	12/02
	F.R. T2D-Management Practices & Monitoring Studies of White Sturgeon	12/02
	I.R. T5A-One-Mile Pond Fish Species Composition	11/03
F3.2	Evaluation of Project Effects on Resident Fish and their Habitat in the Feather River Downstream of the Fish barrier Dam	
	D.R. T1+ F21T2-Fish Dist in the FR below Therm Div Dam to the Conflu w/ Sac Riv	01/03
	I.R. T2+F21 T1-Lit Rev of Life Hist and Hab Req for FeaRiv fish species	01/03
	I.R. T3A-Assessment of Potential Sturgeon Passage Impediments	01/03
	I.R. T3A-Identify Green Sturgeon Distrib and Hab use patterns	12/02
	F.R.T3A-Final Assessment of Potential Sturgeon Passage Impediments	09/03
	F.R.T3A-Final Assessment of Sturgeon Distribution and Habitat Use	12/03
	I.R. T4A-Fish Habitat GIS Coverage (a map)	06/03
F8	Transfer of Energy and Nutrients by Anadromous Fish Migrations	
	D.R. T4-Sum Report of Tasks 1,2,& 3	05/03
	Revised D.R. Transfer of Energy and Nutrients by Anadromous Fish Migrations	09-03
	Summary of Revisions to SP-F8 Technical Report	09/03
F9	Hatchery Effects on Salmonids	
	Phase 1 Interim Literature Review for SP-F9 Evaluation of Proj Eff on Nat Sal Pop	11/02
	Revised Phase 1 Interim Literature Review, SP-F9 Eval of Proj Eff on Nat Sal Pop	03/03
F10	Evaluation of Project Effects on Anadromous Salmonids and their Habitat	
	I.R. T1C-Eval Flow-related Phys Impedi in the F. R. Below the Fish Barrier Dam	01/03
	I.R. T1E-Spring-run Chinook Holding Habitat Characteristics	04/03
	I.R. T2B-Steelhead Spawning Methods	05/03
	I.R. T2B-2003 Lower Fea Riv Steelhead Redd Survey	07/03
	I.R. T3A-Dist and Hab Use of Steelhead and other Fishes in the Lower Fea Riv	01/03
	I.R. T3B-Growth Invest of Wild Juv Steelhead in FR using Mark and Capture techniques	06/03
	I.R. T3B-Steelhead Rearing Temperatures	07/03
	I.R. T3C-Redd Dewatering and Juv Steelhead and Chinook Sal Stranding in Lower FeaRiv	06/03

Project 2100 Study Plan Reports Delivered to the Collaborative (as of 01-22-04)

Resource Area/Study Report Name		Delivery Date
Environmental-Fisheries (continued)		
	I.R. T4A-Literature Review of Devices Used for Enum of Juv Steelhead Outmigrants	01/03
	F.R. T4A-River Flow Effects on Emigrating Juvenile Salmonids in the Lower Feather Riv	12/03
	F.R. T4B-Timing, Therm Temp Rngs and Pot Wat Temp Eff on Emig Juv Sal in LowrFeaRiv	10/03
F16	D.R. Phase 1- Evaluation of Project Effects on Instream Flows and Fish Habitat	07/02
F21	Project Effects on Predation of Feather River Juvenile Anadramous Sal.	
	I.R. F3.2 T2+F21 T1-Lit Rev of Life Hist and Hab Req for FeaRiv fish species	01/03
	D.R. F3.2 T1+F21 T2-Fish Dist in the FR below Therm Div Dam to the Conflu w/ Sac Riv	01/03
	I.R. Task 4-Predation PM&E Literature Review	02/03
Environmental-Geomorphic		
G1	I.R. Effects of Project Operations on Geomorphic Process Upstream of Oroville	04/03
G2	I.R. Effects of Project Operations on Geomorphic Processes Downstream of Oro Dam	04/03
	D.R. Indicators of Hydraulic Alterations	09/03
	Task 7 – Model Selection for Sediment Transport Analysis on the Lower F.R.	04/03
Environmental-Terrestrial		
T1	I.R. Effects of Project Features and Operation on Wildlife and Wildlife Habitat	03/03
T2.1/T2.2	Project Effects on Special Status Species	
	I.R. Proj Effects on Special Status Plant Species	12/02
	I.R. Proj Eff on Special Status Species - Wildlife	11/02
T4	I.R. Biodiversity, Vegetation Comm., and Wildlife Habitat Mapping	06/03
	F.R. Biodiversity, Vegetation Comm. and Wildlife Habitat Mapping	12/03
T7	I.R. Proj Effects on Noxious Terrestrial and Aquatic Plant Species	04/03
T8	F.R. Project Effects on Non-Native Wildlife	09/03
T9	I.R. Recreation and Wildlife	02/03
T11	F.R. Effects of Fuel Load Mgmt and Fire Prevention on Wildlife and Plant Comm.	10/03
Environmental-Water Quality		
W3	Recreational Facilities and Operations Effects on Water Quality	
	I.R. T1A,RecFac and Ops Eff on WQ, T1 Eff of CurrRecrFacl and Ops, T1A ID Pot Eff WQ	11/02
W5	Project Effects on Groundwater	
	Revised D.R. T1 Phase 1, Inv Exist Wells and Ass of Exist GW Data and GW Mon Act	05/03
	D.R. T1, Phase 1, Proj Eff on GW, Inv Exist Wells and Assmt of Exist GW Data	01/03
W7	Progress Report, Land and Watershed Mgmt Effects on WQ	02/03
Land Use, Land Management, & Aesthetics		
L1	I.R. Land Use	01/04
L3	I.R. Comprehensive Plan Consistency Evaluation	02/03
	F.R. Comprehensive Plan Consistency Evaluation	05/03
L5	I.R Fuel Load Management Evaluation	06/03
Recreation and Socioeconomics		
R1	F.R. Vehicular Access Study	09/03
R6	F.R. ADA Accessibility Assessment	09/03
R7, R9, R13		
	I.R. Reservoir Boating-Existing Rec Use-Rec Surveys, Critical Path Rec Field Studies	02/03
R10	F.R. Recreation Facility Inventory and Condition Report	09/03
R18, R19	Recreation Activity, Spending, and Associated Economic Impacts	
	I.R. Economic and Fiscal Background Conditions Phase 1	05/03