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Sent: Thursday, April 18, 2019 9:51 AM
To: Howard.Brown; Cathy Marcinkevage; Garwin Yip - NOAA Federal
Subject: Questions for ROC MT

Question #1: Treatment of Trinity Chinook production

Q: I made an edit to current draft of Consultation Considerations document to make clear that Upper Klamath-Trinity River Chinook salmon production not evaluated for killer whale analysis. That edit is correct based on John Hannon's analysis; is it the ROC MT's understanding and desire that no Trinity Chinook production should be analyzed?

A:

Background: Trinity/Klamath Chinook production not included in John Hannon's analysis. Neither were they included in the 09 BiOp analysis.

Question #2: Feather River action area

Q: Do we need to add a Feather River effects section that points to other sections/docs? See suggested text in Effects section bullet in background.

A:

Background: Summarized below are how we refer to the Feather River action area throughout the document (emphasis mine).

---*Consultation Considerations* says "The effects of flows from the Oroville Complex on all listed fish under NMFS jurisdiction in the **Feather River downstream of Gridley to the confluence of the Sacramento River, and the Sacramento River and Delta, are considered in this consultation**".

---*Action area* says "**This consultation addresses effects of Oroville operations that are downstream of the FERC boundary on the Feather River, from Gridley to the Delta**, as well as the coordinated effects with CVP operation."

---*Effects section* says...**[we don't have an effects section for Feather River]** -- Do we need to add some text to a Feather River Effects section saying something like: "As explained in Section 1.3.3 ("Consultation Considerations") and Section 2.3 ("Action Area"), the effects of operation of Oroville Dam on listed fish within the Feather River downstream to Gridley (CV spring-run Chinook salmon, CCV steelhead, and sDPS green sturgeon) were considered in the opinion to FERC and are not considered in this consultation. Effects on Feather River-origin listed fishes in the Feather River from the FERC boundary to the confluence with the Sacramento River are not explicitly evaluated in this opinion but are expected to be generally similar to the types of effects evaluated in the FERC BiOp from Oroville to the FERC boundary. Effects on Feather River-origin listed fishes in the Sacramento River from the Feather River confluence to the Delta are not explicitly evaluated here but are expected to be generally similar to the types of effects evaluated in the Shasta Division. Effects on Feather River-origin listed fishes in the Delta are evaluated (in that Feather River-origin fish are included in the overall consideration of CV spring-run Chinook salmon, CCV steelhead, and sDPS green sturgeon) in the Delta Division."

---*Hannon's Chinook production analysis* says: "The **project area for the Feather River starts with the lower 10 miles of the Feather River to the confluence with the Sacramento River and extends downstream from there**. Upstream effects were not evaluated for the Feather River because they are governed by the FERC license within that project area. Migration for Feather River salmon through the Delta is assessed with the Delta Passage Model described in the Delta section below" [Barb to clarify exactly what this means with John -- not sure if exclusion of upstream effects excludes most Feather River production or just the potential for a PA-COS differential]

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