From: Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>

**Sent:** Saturday, June 15, 2019 11:41 PM **To:** Cathy Marcinkevage - NOAA Federal

Cc: Howard Brown; Maria Rea

**Subject:** Re: URGENT-ish UPPER SAC NEED

- 1. I haven't seen anything.
- 2. I think it's in Howard's wheelhouse to ask.
- 3. The note is in the draft we sent out to peer review and comment. If we got comments back from Reclamation, they might have provided text to respond to that placeholder.

## -Garwin-

Garwin Yip

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On Sat, Jun 15, 2019 at 11:18 PM Cathy Marcinkevage - NOAA Federal < <a href="mailto:cathy.marcinkevage@noaa.gov">cathy.marcinkevage@noaa.gov</a>> wrote:

Howard and Garwin --

At various meetings in the last few weeks regarding Shasta/Upper Sac effects, we agreed to revise text regarding Reclamation's ability to minimize the number of days above a threshold temperature through real-time operations. In Table 2.5.2-2 (aka Uncertainties Table), we have the following:

NMFS assumes that Reclamation's operational flexibility will minimize the frequency and magnitude of exceedances that would compromise the objective of the given Tier. (Note: pending additional analysis from Reclamation to support this conclusion).

Regarding the italicized note. I **have not** seen anything yet to address this. Has anyone else? If not, can you ask Reclamation if they feel they have sent something to address this, and if not, that they need to asap?

Thanks - Cathy