From:	Frost, Erik@DOC
To:	info@VSFBFalconLaunchEIS.com
Cc:	OLRA@DOC; LCI State Clearinghouse
Subject:	RE: Authorizing Changes to the Falcon Launch Program at Vandenberg Space Force Base, California (SCH #2025051143)
Date:	Monday, June 16, 2025 9:20:19 AM

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Ms. Hilary Rummel,

The California Geological Survey (CGS), a division of the Department of Conservation, has received a draft Environmental Impact Statement (EIR) for Authorizing Changes to the Falcon Launch Program at Vandenberg Space Force Base (SFB), California. Based upon our review of the draft EIR, CGS has the following comments for the Department of the Air Force to consider:

1. Geologic hazards at Vandenberg SFB

   In Section 3.17.1.3, the draft EIR states geologic hazards at Vandenberg SFB include "the potential for surface erosion, landslides, seacliff retreat, streambank erosion, tsunamis, and liquefaction." CGS has not yet evaluated the Vandenberg SFB area with respect to earthquake-induced landslides or liquefaction, although maps and data regarding tsunami hazard are available here: https://maps.conservation.ca.gov/cgs/informationwarehouse/ts_evacuation/#data_s=id%3AdataSource_3-1918f9f263a-layer-15%3A20

   For any of the above-referenced geologic hazards, the EIR should consider including references to specific studies that have mapped and assessed the hazard (especially for landslides and liquefaction).

2. Fault activity

   In Section 3.17.1.3, the draft EIR discusses faults proximal to Vandenberg SFB. This discussion characterizes faults as "active" or "inactive" and references the CGS Fault Activity Map of California as a source. However, what the Fault Activity Map of California actually describes is the *age* of last activity for each fault. The draft EIR should be revised to omit characterizations of "inactive" faults, and instead describe faults by their age of last activity (e.g., the late-Quaternary Honda fault).

Please let me know if you have any questions.

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