

Budnitz draft for DCISC consideration.

REFERENCE: This note is in reference to the study entitled "*Probabilistic Risk Assessment of Nuclear Power Plant Spent Fuel Handling and Storage Programs: Methodology and Application to the Diablo Canyon Power Plant*," dated February 17, 2020. Herein we will call this "the Study," and the risks that were evaluated will be called the "risks."

BACKGROUND: The Diablo Canyon Independent Safety Committee has carefully and thoroughly reviewed the Study (referenced above) that was performed over the last year by the B.J. Garrick Institute for the Risk Sciences at UCLA under a contract from PG&E. The Committee also had the benefit of a presentation by the Study's authors during our DCISC Public Meeting on July 1, 2020. That presentation, in turn, engendered comments from members of the public that the DCISC has also benefitted from. A few months later, at the DCISC's next Public Meeting on October 22, the DCISC had another discussion and debate about the Study, which in turn engendered additional public comments that have been of benefit to the DCISC.

CONCLUSION: The DCISC has concluded that the Study is of excellent technical quality. Its analysis is sound. We conclude that its conclusions have been framed in such a way that the Study can be relied on by PG&E to provide information on the "risk" of a radiological release event that will undoubtedly be part of the basis of future PG&E decisions about the future of on-site spent-fuel management.

RECOMMENDATION: The DCISC recommends that when PG&E considers decisions about the future management on-site of the spent fuel from DCCP's two reactor units, the risks arising from spent fuel management should be a part of the PG&E decision process and that process should strongly consider the conclusions contained the Study entitled "*Probabilistic Risk Assessment of Nuclear Power Plant Spent Fuel Handling and Storage Programs: Methodology and Application to the Diablo Canyon Power Plant*."