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## PUBLIC SUBMISSION

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**Docket:** [DOE-HQ-2012-0007](#)

Applications for Long-Term Authorizations to Export Liquefied Natural Gas, etc.: Jordan Cove Energy Project, L.P.

**Comment On:** [DOE-HQ-2012-0007-0001](#)

Applications for Long-Term Authorizations to Export Liquefied Natural Gas, etc.: Jordan Cove Energy Project, L.P.

**Document:** [DOE-HQ-2012-0007-0002](#)

Comment on FR Doc # 2012-13679

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### General Comment

It is not possible to accurately assess many project impacts as geographic coordinates have not been disclosed. Shapefiles containing geographic coordinates (e.g. latitude, longitude, elevation) ought to be supplied to the public so that proper spatial analysis can be conducted.

Examples of impacts that cannot be accurately assessed without the aforementioned geographic coordinates include:

- impacts on archaeological sites on tribal lands
- proximity to hazard zones (e.g. special flood hazard areas)
- probability of rupture due to landslide or earthquake. Pacific Connector claims to have “identified and evaluated known landslide and seismic hazards and has routed the pipeline to avoid these areas where possible to ensure long term stability and safety of the pipeline.” Yet, the public cannot verify this accurately without provision of pipeline coordinates.

Public health risk. The supplementary evidence the applicant previously submitted in support of the application only discusses health risk associated with exposure to one component of natural gas, methane . However, it does not discuss health risk associated with exposure to other toxic components of natural gas, including radon, benzene and toluene. JCEP has stated these substances will not be removed from the re-gasified LNG as it is fed into the Pacific Connector pipeline unless regular rail service from Coos Bay is re-established and a natural gas liquids extraction facility is sited near the LNG storage tanks. JCEP has not applied for permits for such an extraction facility

Impact assessment should be conducted along the entire potential supply chain, both within and outside the US (including source areas, consumption destinations and intervening routes). Only vague language is used about where gas might originate from. Therefore the EIS should seriously consider potential impacts from all possible areas. Lifecycle analysis of greenhouse gas emissions should be conducted.

Derrick Hindery, Ph.D.