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TO: Regional Forester (Reviewing Officer), Pacific Northwest Regional Office

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Objection to Forest Plan Amendments for the Pacific Connector Gas Pipeline #28132

Many contextual, quantitative and qualitative aspects are objectionable, and I wish to register them as my objections for US Forest Service review. Policy issues are at the core of this filing.

ERRATA

Quantitative Factors

Risks borne by Oregon citizens stemming from methane (CH4) and Oregon's natural resources are not indemnified by the foreign investor. Uncontained methane losses to the environment, a dangerous and potent greenhouse gas regulated by the EPA, are described in the first paragraph of the Project Docket, Docket CP17-495-000. The Jordan Cove Energy Project is fed by the Pacific Connector pressurized gas pipeline. It says that the pipeline delivers 1.2 billion cubic feet per day, and the Jordan Cove installation exports 1.04 billion cubic feet per day. The gigantic compressors needed to turn the methane gas into methane liquid leak methane in huge quantities.

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An estimate from the actual numbers given in the subject FERC Notice is 1.20B - 1.04B = 0.16 billion cubic feet per day = 160 million cubic feet per day of unaccounted, lost methane.

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Compressors and associated pneumatic control devices are notorious for leaking product.

https://www.epa.gov/sites/production/files/2017-07/documents/compressor_stations_razvilk_2008.pdf

A conservative estimate is 3% of gas liquified:

1B cf/day x 0.03 = 30 million cf/day.

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This is a threat on an extinction scale, forcing the planet past the survivable 1.5 deg C limit because the design life of the foreign-financed facility is 30-40 years. Oregon takes the climate and environmental hit, foreign interests speculate positive cash flow in the out years, as global damage multiplies.