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August 29, 2006

MEMORANDUM

TO: Council Members

FROM: Terry Morlan

SUBJECT: Presentation on the Bradwood Landing Liquefied Natural Gas (LNG) Terminal

The Bradwood Landing LNG Terminal is proposed for development along the Columbia River near Astoria. Council members have expressed interest in LNG a number of times. Therefore I invited NorthernStar Natural Gas to give the Council a presentation on their proposed Bradwood Landing facility. Paul Soanes, the president of NorthernStar Natural Gas will give the presentation.

I have seen a presentation on the Bradwood Landing LNG Terminal. It is probably the most advanced in the permitting process of any of the proposals in the Pacific Northwest. I expect you will learn about the LNG process, get a feel for the scale of the plant and the ships that deliver the LNG, and hear about the permitting process and how they have tried to make the plant as acceptable to the local area as possible.

LNG is likely to play an important role in future natural gas supplies for the U.S. and our region. However, it is controversial because of its large scale plants, perceived dangers of LNG, and the risks associated with reliance on foreign supplies of energy. For these reasons, I think it will be useful for Council members to become more familiar with the technology.

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