

## **Department of Energy**

Bonneville Power Administration P.O. Box 61409 Vancouver, WA 98666-1409

TRANSMISSION BUSINESS LINE

## April 2, 2004

In reply refer to: T-DITT-2

# To: Landowners interested in the SnoKing Tap to Monroe-Echo Lake Line Voltage Increase

Bonneville Power Administration has developed a temporary solution to help reduce the noise generated by the SnoKing Tap substation located in Bothell, Wash. BPA has purchased, and within the next six weeks will install, Sound Seal Acoustic mats on portions of the SnoKing transformer bank. This letter provides information about the sound mats and invites you to a public meeting.

## **Sound Seal Acoustic Mats**

The Sound Seal Acoustic mats will absorb some of the sound being generated from the SnoKing transformer bank. BPA will install 15 (4'x 16') mats around portions of the SnoKing transformer bank. As with the Dec. 6, 2003 cleaning, BPA is testing this solution to see the level of impact on the noise.

The mats consist of a four-inch, fiberglass, quilted facing which serves as the sound absorbing material. This material is attached to a vinyl backing which acts as sound blocking material. The mats have been used by other utilities in the industry and have provided significant reductions in sound.

#### **Public Meeting**

BPA will hold a public meeting on April 29, 2004 to discuss the recent March 28 – April 11 transmission line cleaning, sound seal acoustic mats, and to answer any questions that you may have. The meeting will be held:

Thursday, April 29, 2004 7 p.m. to 9 p.m. Skyview Junior High School Cafeteria 21404 35<sup>th</sup> Avenue SE Bothell, Wash. 98021

#### **Next Steps**

During the scheduled March 28 – April 11, 2004 transmission line cleaning, crews are installing brackets for the mats and within the next six weeks the mats will be installed.

BPA is continuing its effort to locate and eliminate the source of direct current. The direction of the direct current has been identified. Research and tests have shown a relationship between the increase in noise and direct current on the system.

# **For More Information**

If you have questions or would like more information about the project, please call our toll-free number 1-888-276-7790. Additional information is posted on our Web site at: <u>http://www.transmission.bpa.gov/PlanProj/Transmission\_Projects/</u>. BPA will continue to inform the public on any new developments.

Sincerely,

/s/ Doug Riehl, April 2, 2004

Doug Riehl Project Manager