

February 8, 2008

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

Subject: **Experimental License File Number 0393-EX-PL-2007,  
Call Sign WE2XHI**

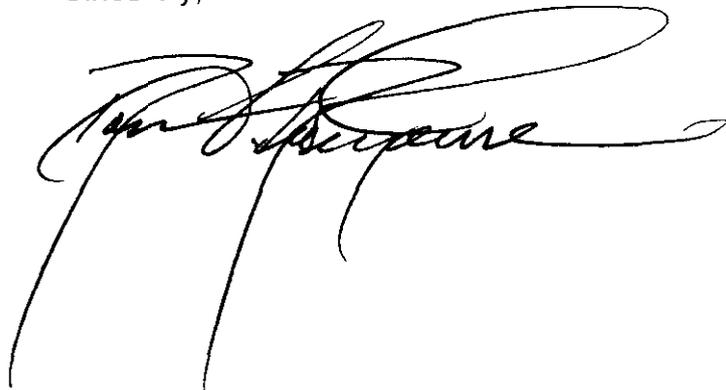
Dear Madame Secretary:

As requested in the Consensus Plan, referred to in San Onofre Nuclear Generating Station (SONGS) Experimental License Application and also filed in ET Docket No. 05-345 on May 15, 2007 by the Nuclear Energy Institute and the Utilities Telecom Council in their Supplement to Petition for Waiver, attached is the report due six months after the Experimental License was granted for SONGS use of the equipment covered by the Experimental License.

Specifically, pursuant to Section IV D of the Consensus Plan, SONGS has engaged in local frequency coordination, to the extent required, and limited its use of the Telex Equipment to only those circumstances permitted under the Consensus Plan.

Should you have any questions concerning this report, please contact Ms. Linda T. Conklin at (949)368-9443.

Sincerely,



**Enclosure**

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cc: E. E. Collins, Regional Administrator, NRC Region IV  
D. B. Spitzberg, Region IV, San Onofre Unit 1  
M. P. Shannon, NRC Region IV, San Onofre Units 2 & 3  
J. N. Donohew, NRC Project Manager, San Onofre Units 2, and 3  
J. C. Shepherd, NRC Project Manager, San Onofre Unit 1  
C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 and 3

Enclosure

# **Report on the Use of Telex Model BTR-700 and BTR-800 Equipment**

## **Report on the Use of Telex Model BTR-700 and BTR-800 Equipment**

### **BTR-700**

The Telex BTR-700 system is used for two (2) functions at San Onofre Nuclear Generating station (SONGS). The first use of the Telex BTR-700 system, is to serve as the primary means of communications between the operator of the containment crane and the personnel used for rigging loads to be lifted by the containment crane during outages. The Telex BTR-700 system is primarily used within the confines of the SONGS Unit 2 and 3 containment buildings. However, there are occasions when the person in charge of rigging the loads to be lifted must pass through the containment equipment hatch to the outside during rigging evolutions to lower or raise loads in the equipment hatch area.

The second use of the Telex BTR-700 system at SONGS is to serve as the primary means of communication during Dry Fuel Storage campaigns for spent nuclear fuel within the plant site boundaries. The Telex BTR-700 system is used by personnel when transferring canisters loaded with spent nuclear fuel from SONGS Unit 2 and 3 to their final storage location in the Independent Spent Fuel Storage Installation (ISSFI), located in SONGS Unit 1 industrial area.

There have been no reports of loss of contact problems.

### **BTR-800**

The Telex BTR-800 system and antennas are used within the confines of the SONGS Units 2 and 3 containments. There was complete coverage inside containment except for an intermittent loss of contact outside the internal biological shield walls on the lowest level of containment.

During the Unit 2 fall refueling outage, interference was noted between the BTR-800 channel C6 system and the refuel maintenance BTR-700 channel C6 system. This interference was resolved by changing the transmit and the receive frequencies on the affected BTR-800 channel C6 system.

SONGS has conducted operational investigations as to potential interference of the Telex BTR-700 or BTR-800 systems with other plant wireless systems operating in vicinity of containment: the 800 MHz Radio System used by Security and other site groups, the 900 MHz system used for devices worn by radiation workers, the 2.4 GHz system used for wireless LAN Access Point, the 2.4 GHz load cells system, as well as other wired communication systems. In no case, did the Telex BTR-700 or BTR-800 systems cause interference to any of these other systems or the other systems cause interference with the Telex BTR-700 or BTR-800 systems. Additionally, no interference was reported from any external agency.