

# The Light company

Houston Lighting & Power

South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

April 30, 1990  
ST-HL-AE-3441  
PFN:Z18  
10CFR50.47

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

South Texas Project Electric Generating Station  
Units 1 and 2  
Docket Nos. STN 50-498, STN 50-499  
Prompt Notification System

As identified in HL&P's letter to you dated March 23, 1990, HL&P has received notification from the primary Emergency Broadcast System (EBS) Radio Station (KMKS-Bay City, Texas) which supports the South Texas Project Electric Generating Station (STPEGS) Prompt Notification System (PNS) that they intend to change their operating frequency in order to broadcast at a higher power level. The STPEGS PNS utilizes sirens and Tone Alert Radios (TAR) which are pretuned to the KMKS frequency to alert and notify the public within the 10 mile EPZ in the event of an emergency. This radio station activates the TARS and transmits EBS messages. In addition, the operators of KMKS have indicated that they will be off the air and unavailable to activate the TARS on any frequency for a short period while they are modifying their facilities. They have indicated they will keep the period as short as possible and have given two weeks as a target. The backup EBS station operates on a different frequency and is, therefore, not able to activate the existing TARS.

HL&P's letter to you dated March 23, 1990 described our planned actions to respond to the frequency changes. An integral part of that plan was to modify existing radios to receive on the new frequency. HL&P has since determined that it is not feasible to modify the existing radios to receive on the new frequency and since procurement of new radios has a substantial lead time, we are evaluating other options for prompt notification.

NUREG 0654 identifies automatic dial up systems as an option for use in prompt notification systems, and HL&P has determined that this service is commercially readily available and in use in other industries. Arrangements are being made to provide this service for residents within 10 miles of STPEGS prior to the KMKS frequency change, which is now scheduled no sooner than June 1, 1990. HL&P has enough tuneable TARS to provide coverage for members of the public who do not have telephones and to members of the public who specifically request a TAR. These will be distributed during the period KMKS is off the air.

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The telephone based system (Community Alert Network or CAN system) has the capability to ensure that persons outside of siren range can be notified within applicable time limit set forth in NUREG 0654. The current Community Alert Network system can make 20 calls a minute; thus, 300 calls can be made in 15 minutes and 900 calls can be made in 45 minutes. We will sequence the phone numbers so that the persons outside of siren range are called first, and since less than 300 households exist within 5 miles outside of siren range and less than 900 exist between 5 and 10 miles outside of siren range, it is possible to meet the criteria with the existing system. People within siren range may not be called with the 15 and 45 minute criteria; however, their primary coverage is by siren and the autodialer is intended only as a backup.

As previously mentioned in our March 23, 1990 correspondence, during the time that KMKS is off the air, the Matagorda County Sheriff's office will provide drive through announcements to those residents identified as not having telephones and out of siren range.

In summary, the following is the expected sequence of events relative to the STPEGS PNS.

Mid May - Autodialer on line

June 1 - KMKS off air

June 1 - 15 - PNS supported by sirens, autodialer, alternate EBS station, and route alerting to individuals without telephones.

June 15 - KMKS operating on new frequency

June 15 - Distribution of tuneable TARs to people without telephones complete

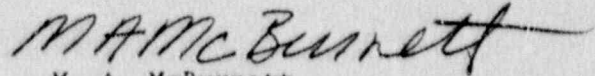
After June 15, 1990 - The Prompt Notification System will consist of sirens, autodialer and TARs.

HL&P is working with the State of Texas and FEMA regarding use of the CAN system on a long term basis and decreased reliance on TARs. HL&P will issue the necessary public information materials to ensure that the public is aware of the changes and the interim procedures. Additionally, HL&P will work with the Matagorda County Sheriff's office to ensure that appropriate interim procedures are in place.

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HL&P will keep you informed as to the progress of these activities and should changes to this plan be necessary. If you should have any questions on this matter, please contact me at (512) 972-8530.



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MAM/dl



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