

Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA to operate earth station while permanent application is under review

1. Applicant

Name:	Southwestern Energy Company	Phone Number:	281-618-4840
DBA Name:		Fax Number:	
Street:	2350 North Sam Houston Parkway East	E-Mail:	
City:	Houston	State:	TX
Country:	USA	Zipcode:	77032
Attention:	Mr Jim Mayfield		

60 days



File # SES-STA-20101028-01357  
Call Sign ED10245 Grant Date 11/29/2010  
(or other identifier) Temp Dates  
From 11/29/2010 To 01/27/2011  
Approved: Stefan M. Lott

October 28, 2010

System Analysis Branch  
Satellite Division  
International Bureau  
Federal Communications Commission  
445 12<sup>th</sup> Street SW  
Washington, DC 20554

Re: Request for Special Temporary Authority – Southwestern Energy Company

Pursuant to Section 25.120(a) of the Rules and Regulations (“Regulations”) of the Federal Communications Commission (“Commission”), Southwestern Energy Company. (“Southwestern”) seeks Commission consideration for a Special Temporary Authority (“STA”) to operate a VSAT station (callsign E070245) while an application for modification of authority undergoes Commission review.

According to Section 25.120(b)(3) of the Regulations, the Commission may grant temporary authority for a period not to exceed 60 days, if the STA request has not been placed on public notice, and the applicant plans to file a request for regular authority for the service. In the instant case, the STA request has not been placed on public notice but Southwestern has filed an application for modification of authority. See Submission ID: **IB2010003355**. Therefore, Southwestern respectfully requests an STA for a period not to exceed 60 days.

Southwestern is a natural gas exploration and production company with storage and pipeline facilities located throughout the United States, including locations in remote and isolated areas where satellite is the only means of communications. Southwestern uses its VSAT network for monitoring its gas transmissions lines, communications with on-site personnel, and other critical uses.

Communications between its Network Operations Center and remote locations is vital so that Southwestern may monitor and control equipment operated to maintain safe operation of these facilities at all times. Without a fully functioning communications system, Southwestern would be required to shut down the transmission of natural gas throughout its lines. Southwestern currently requires expanding the capacity of its network to accommodate demand and alleviate congestion in the system. This increased capacity requirement translates into a larger diameter hub and larger diameter remotes.

According to Section 25.120 (b)(1) of the Regulations, "The Commission may grant a temporary authorization only upon a finding that there are extraordinary circumstances requiring temporary operations in the public interest and that delay in the institution of these temporary operations would seriously prejudice the public interest". Because of the important nature of the communications carried by Southwestern's system, it is critical that Southwestern continue to operate while the application for modification is underway. As this is a Ku-band systems operating in the standard band, no prior frequency coordination is needed. Also, radiation hazard studies have been performed and submitted to make sure that the increase power is within the regulated limits.

The requested date for prior use is November 19, 2010. In accordance to Section 25.120(a) of the Regulations, this STA is being filed at least 3 working days prior to the date of proposed operation.

Sincerely,

*/s/ Raul Magallanes*  
Attorney