

**Engineering STA Request for W30EF-D**

The University of North Carolina (“UNC”), licensee of W30EF-D, Jefferson, North Carolina (Facility ID No. 68993), seeks special temporary authority to operate at reduced power at the parameters described in the technical portion of this STA application.

On July 19, 2023, it was discovered that W30EF-D’s RF output power amplifier had failed. The failed amplifier was removed from service and a temporary, emergency standby amplifier was installed. That spare amplifier has insufficient RF output level for the site to operate at licensed power. This amplifier has experienced multiple failures and now requires replacement. The replacement amplifier has been ordered but the period of time it will take to receive the new amplifier and install it is expected to exceed 30 days from the date the failure was discovered.

In light of all the foregoing, the licensee requests STA to continue to operate at reduced power until the equipment replacement has been effectuated. Grant of this request is in the public interest because it will allow W30EF-D to maintain service to the public throughout the repair period (albeit at reduced power). Although UNC currently anticipates that the manufacturer will be able to promptly supply the new power amplifier necessary to restore W30EF-D to full power operations, UNC respectfully requests a full 180-day grant of STA in the unlikely event that there are further unanticipated delays with the repair.

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