

T Z SAWYER TECHNICAL CONSULTANTS

2130 HUTCHISON GROVE COURT, SUITE 100
FALLS CHURCH, VIRGINIA 22043
TELEPHONE (703) 848-2130 / (202) 642-2130

NCE FM STATION - WHSN
BANGOR, MAINE
MINOR CHANGE TO STATION LICENSE
CHANGE IN TRANSMITTER POWER OUTPUT ONLY (TPO)

ENGINEERING NARRATIVE

Executive Summary

WHSN, has determined that at the time of its station license application (BLED-20061117ABN) an error was made on the station's license application form concerning the transmitter power output required to achieve the authorized effective radiated power (ERP).

The erroneous entry was entered as 3.0 kilowatts for the transmitter power output, when in fact the correct entry should have been 2.15 kilowatts as calculated below:

EFFECTIVE RADIATED POWER (ERP)	3.0 KILOWATTS (H & V)
ANTENNA GAIN	1.5 GAIN
ANTENNA INPUT	2.0 KILOWATTS
TRANSMISSION LINE EFFICIENCY	93.2%
TRANSMITTER POWER OUTPUT (TPO)	2.15 KILOWATTS

The station has been operating at the correct power level, only the information on the form was incorrectly stated, which was discovered recently during an AIP (alternate inspection program).

No other changes are proposed in this application and the application minor change proposed herein is in compliance with the provisions of 47 CFR §73.1690(c)(10) regarding changes in the facility transmission line, in this case, simply correcting an error on the license application form at the time of filing.

Certification

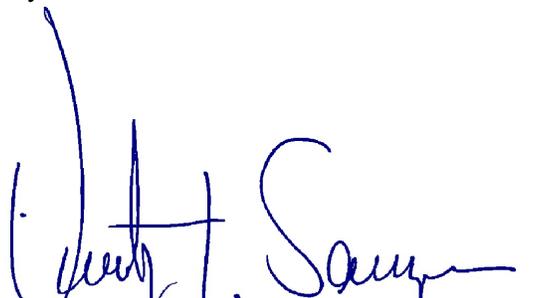
The undersigned hereby certifies that this technical/engineering narrative statement and associated exhibits, tabulations, and figures were prepared by him or under his direction and are true and correct to the best of his knowledge and belief.

March 15, 2022

T Z Sawyer Technical Consultants

Tel.: (703) 848-2130

e-mail: tzsawyer@tzsawyer.com


Timothy Z. Sawyer, Consulting Engineer