

Engineering Statement
Reduced Power Operation
CBS Television Licenses LLC
WBZ-TV Boston, Massachusetts
Facility ID 25456

CBS Television Licenses LLC (*ViacomCBS*), licensee of WBZ-TV, Boston, MA (the “Station”) is in the process of replacing the Station’s primary transmitter and antenna system as part of the broadcast spectrum incentive auction repack. To facilitate this work, WBZ-TV has been operating using its permanently licensed 850 kW ERP auxiliary facility since August, 2019.¹

Approximately 1:30 am on February 16, 2020, WBZ-TV and other stations using the shared auxiliary antenna system suffered an outage. It was found that reliable operation was possible only after significant power reductions were made by all stations. The WBZ-TV ERP was reduced by 80% to approximately 170 kW and has remained at that power level for nine days.

Preliminary research suggests one of the antenna power dividers as a likely culprit. Efforts to obtain a tower crew, necessary equipment, and replacement parts to remove and repair the power divider are now underway. It has not yet been determined if this work can be done within 30 days of the initial outage. It is also unknown whether other portions of the antenna system have suffered damage. In the event further complications prevent timely repairs, *ViacomCBS* will submit a request for Special Temporary Authority as required by §73.1560(d) of the FCC Rules. Upon successful resolution of the current troubles, we will notify the FCC.

¹ Please see FCC File Number 0000080192.