

ENVIRONMENTAL IMPACT CONSIDERATIONS FOR
AMENDED W36BE, STATE COLLEGE, PA., FLASH CUT DTV APPLICATION

The instant proposal to flash cut the authorized analog operation to digital operation specifies the same channel, site, antenna height and antenna as for the authorized analog operation. In addition the maximum effective radiated power that is specified is substantially lower than for the authorized analog operation.

The only environmental impact concern that is of interest for the instant digital flash cut proposal, from among the FCC's list of environmental concerns, is the one relating to the avoidance of overexposure of humans to radiofrequency radiation (rfr). As part of the underlying application for construction permit for the analog operation it was demonstrated that compliance with the FCC's adopted guidelines for maximum permissible exposure (MPE) levels at both controlled and uncontrolled locations would be achieved.

Taking into account that the maximum effective radiated power for this flash cut operation will be reduced significantly, assures that compliance with the MPE levels will continue to be achieved.