



**STATEMENT OF CARL E GLUCK
DISPLACEMENT APPLICATION FOR
POST REPACK CONSTRUCTION PERMIT
WNYN-LD New York, NY
FACILITY ID 74305 – DIGITAL LPTV
CH. 30 – 0.800 KW ERP – 241 m RCMSL
Prepared for: TVC NY LICENSE LLC**

GENERAL

I am a Technical Consultant, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission.

This office has been authorized by TVC NY LICENSE LLC, licensee of WNYN-LD Channel 39, Facility ID number 74305, licensed to New York, NY, to prepare this statement, FCC Form 2100 its technical sections, and the associated exhibits, in support of an application for construction permit, in accordance with DA 17-442, Released: May 12, 2017 *Procedures for Low Power TV, TV Translator, and Replacement Translator Stations*.

WNYN-LD is licensed on channel 39, out of core. Furthermore, WNYN-LD is in receipt of a letter from T-Mobile that it will commence its operations in the PEA # 1 market on 3/24/2018. This displacement application is to change channels to Channel 30, after completion of the Repack. (A separate request for Special Temporary Authority is being submitted concurrent with this application to permit WNYN-LD to operate on Channel 29 until the repack transition is

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complete). This application is contingent on completion of the TV repack process so a Waiver is requested to permit it as a contingent application.

DIRECTIONAL ANTENNA

The applicant proposes to utilize a Kathrein Para-panel UHF-TV Antenna Model 4DR-2HN, horizontally polarized, with its center of radiation located at a height above ground of 216 meters. The manufacturer's antenna specification sheet is provided as an exhibit to this application. The manufacturer's vertical plane elevation radiation pattern, illustrating the antenna's radiation characteristics above and below the horizontal plane is also shown and tabulated.

PREDICTED COVERAGE CONTOURS

The predicted coverage contours were calculated in accordance with the method described in Section 73.625(b) of the Rules. Exhibit 1 shows the predicted Noise Limited (51.00 dBu) contour.

ALLOCATION CONSIDERATIONS

Post-Transition DTV Considerations

A study was performed, using the FCC's software, TV_Study, v. 2.2.4, to determine if the instant application for construction permit is predicted to cause new prohibited interference to post reassignment DTV stations, construction permits, DTV allotments or Class A DTV stations. The study results, attached as an exhibit, indicate that the instant application for construction permit is predicted to cause no new interference exceeding 0.5% to the populations

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served by any post reassignment DTV station, construction permit, allotment, Class A DTV stations, or LPTV station. Please note that the LMS record BLANK0000037694 for station WPXN-TV 31 had to be manually excluded from the TVStudy run because it was showing up Post-Repack (WPXN is reassigned to Channel 34 post repack). This changes the calculated interference results (IX and MX caused and received) significantly.

Pre-Transition DTV Considerations

Prior to the repack transition channel 30 is not available for WNYN-LD due to impermissible interference. Therefore a separate application for Special Temporary Authority to operate on channel 29 pre-repack transition is being filed concurrently for WNYN-LD with this application.

International DTV Considerations

The WNYN-LD site is located beyond the coordination distances from the nearest points on both the US-Canadian border and US/Mexican borders.

SUMMARY

This statement, FCC Form 2100, its technical sections, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

 

Carl E. Gluck, CPBE

March 1, 2018

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