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**ENGINEERING STATEMENT**

**Of**

**John F.X. Browne, P.E.**

**re**

**Amendment of Application**

**KPST-DT**

**Vallejo, CA**

KPST-DT has pending an application for "maximization" of its facilities to increase maximum ERP to 300 kW.

The Commission notified the applicant its computer study indicated that the interference predicted to be caused to KRCA-TV, Sacramento, exceeded by 0.2% (2.2% instead of 2.0%) the de minimis interference limits established in the DTV proceeding.

A discrepancy exists between the Commission's software and the firm's vendor-provided software (V-Soft, Probe <sup>TM</sup>) which remains unresolved but appears to be related to execution of the program on a different platform than used by the Commission (Windows vs. UNDO).

Further analysis indicates that reducing the maximum ERP to 150 kW will reduce the interference to approximately 1.5%.

Once software issues are resolved, the applicant may request a higher power level than 150 kW.

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## **Summary**

The applicant requests that its application be amended to reduce the specified maximum ERP to 150 kW. All other parameters remain as previously requested.

## **Certification**

This statement was prepared by me or under my direction. All assertions contained in the statement are true of my own personal knowledge except where otherwise indicated and these latter assertions are based on information from sources known to be reliable and are believed to be true.

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John F.X. Browne, P.E.  
April 17, 2001