

ANN BAVENDER\*  
ANNE GOODWIN CRUMP  
VINCENT J. CURTIS, JR.  
RICHARD J. ESTEVEZ  
PAUL J. FELDMAN  
ERIC FISHMAN  
RICHARD HILDRETH  
FRANK R. JAZZO  
ANDREW S. KERSTING\*  
EUGENE M. LAWSON, JR.  
HARRY C. MARTIN  
GEORGE PETRUTSAS  
LEONARD R. RAISH  
JAMES P. RILEY  
KATHLEEN VICTORY  
HOWARD M. WEISS  
\* NOT ADMITTED IN VIRGINIA

FLETCHER, HEALD & HILDRETH, P.L.C.

ATTORNEYS AT LAW  
11th FLOOR, 1300 NORTH 17th STREET  
ARLINGTON, VIRGINIA 22209-3801

(703) 812-0400  
TELECOPIER  
(703) 812-0486  
INTERNET  
office@fhh-telcomlaw.com

FRANK U. FLETCHER  
(1939-1985)  
ROBERT L. HEALD  
(1956-1983)  
PAUL D. P. SPEARMAN  
(1936-1982)  
FRANK ROBERSON  
(1936-1961)  
RUSSELL ROWELL  
(1948-1977)  
RETIRED  
EDWARD F. KENEHAN  
CONSULTANT FOR INTERNATIONAL AND  
INTERGOVERNMENTAL AFFAIRS  
SHELDON J. KRYS  
U. S. AMBASSADOR (ret.)  
OF COUNSEL  
EDWARD A. CAINE\*  
MITCHELL LAZARUS\*  
EDWARD S. O'NEILL\*  
JOHN JOSEPH SMITH  
812-0474  
WRITER'S DIRECT

June 11, 1998

RECEIVED

JUN 11 1998

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

**BY HAND DELIVERY**

Magalie Roman Salas, Esquire  
Secretary  
Federal Communications Commission  
1919 M Street, N.W., Room 222  
Washington, DC 20554

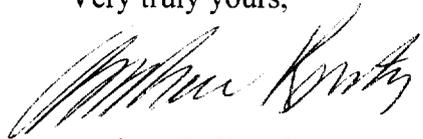
Re: Advanced Television Systems and Their Impact  
Upon the Existing Television Broadcast Service  
MM Docket No. 87-268

Dear Ms. Salas:

Transmitted herewith on behalf of Fant Broadcast Development, L.L.C. ("Fant"), is the original version of an engineering statement prepared by Pete E. M. Warren, III, which was submitted in support of Fant's "Reply to Opposition to Petition for Reconsideration," filed June 10, 1998, in connection with the Commission's *Report and Order* in MM Docket No. 87-268, *Memorandum Opinion and Order on Reconsideration of the Sixth Report and Order*, FCC 98-24 (released February 23, 1998), in the above-referenced proceeding. Please ensure that this engineering statement containing Mr. Warren's original signature is associated with Fant's June 10, 1998, filing.

Should any questions arise concerning this matter, please communicate directly with this office.

Very truly yours,



Andrew S. Kersting  
Counsel for  
Fant Broadcast Development, L.L.C.

Enclosure

cc (w/ encl.): Roy J. Stewart (by hand); Bruce A. Franca (by hand); Barbara A. Kreisman (by hand); John R. Feore, Jr., Esq. (by first-class mail)

No. of Copies rec'd  
List A B C D E

0

**Engineering Statement**  
**New Albany, IN**

**by WES, Inc. Broadcast Consultants**

As is demonstrated by the attached NTSC spacing study, the Fant proposed transmitter site as Fant requested in its rule making petition and petition for reconsideration is not short-spaced to WDRB-TV, Channel 41. Even if the Commission were to consider the center of the city reference coordinates for New Albany, there would be no interference from a full power station in New Albany to Louisville 41, WDRB. Rather, there would be a negligible interference to the channel 49, as the +/- 8 problem is almost exclusively to the upper channel rather than to the lower channel.



Pete E. M. Warren, III  
FCC General RadioTelephone Operator  
License PG-10-4422  
NARTE 1<sup>st</sup> Class, Senior, E1-02038

**Engineering Exhibit**  
**New Albany, IN**  
**NTSC Spacing Study**  
**by WES, Inc. Broadcast Consultants**

\*\*\*\*\* TV CHANNEL SPACING STUDY \*\*\*\*\*

Job title: New Albany  
 Channel: 49  
 Database file name: tv980501.edx

Latitude: 38 0 49  
 Longitude: 86 10 6

CH	Call	Record No.	City	ST	Z	STS	Bear.	Dist.	Reqd. Dist.	Result
56o	WDKYTV	3169	DANVILLE	KY	2	L	100.4	133.2	95.7	37.5
56o	WDKYTV	3170	DANVILLE	KY	2	A	100.4	133.2	95.7	37.5
34-	WGRB	3470	CAMPBELLSVILLE	KY	2	L	140.9	120.7	119.9	.8
41+	WDRB	3485	LOUISVILLE	KY	2	L	36.6	46.6	31.4	15.2
49o	WIPB	3498	MUNCIE	IN	1	L	15.7	248.0	248.6	-.6
48o	ALLOTM	3843	OWENSBORO	KY	2		252.1	87.5	87.7	-.2
48o	NEW	3857	OWENSBORO	KY	2	A	271.0	104.8	87.7	17.1
48o	NEW	3858	OWENSBORO	KY	2	A	271.0	104.8	87.7	17.1
49o	WDKA	4076	PADUCAH	KY	2	C	255.1	253.9	248.6	5.3

\*\*\*\*\* End of channel 49 study \*\*\*\*\*