

ORIGINAL

YHSDOMA

BARAFF, KOERNER, OLENDER & HOCHBERG, P. C.

ATTORNEYS AT LAW
5335 WISCONSIN AVENUE, N. W., SUITE 300
WASHINGTON, D. C. 20015-2003

(202) 686-3200

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AUDIT SERVICES OF COUNSEL
ROBERT BENNETT LUBIC
MARK J. PALCHICK

FAX: (202) 686-8282

B. JAY BARAFF
ROBERT L. OLENDER
JAMES A. KOERNER
PHILIP R. HOCHBERG
AARON P. SHAINIS
LEE J. PELTZMAN
ALAN E. ARONOWITZ

May 20, 1991

RECEIVED

MAY 20 1991

Federal Communications Commission
Office of the Secretary

Ms. Donna R. Searcy
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Re: File No. BPED-900606MC
Murrysville, PA
8920-JRW

Dear Ms. Searcy:

Transmitted herewith, on behalf of He's Alive Incorporated, applicant for a non-commercial educational FM station at Murrysville, Pennsylvania on Channel 201A are an original and two (2) copies of its Petition for Leave to Amend.

Should further information be desired in connection with this matter, please contact the undersigned.

Very truly yours,



Lee J. Peltzman
Counsel for
HE'S ALIVE INCORPORATED

LJP:bpt
Enclosure
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FEDERAL COMMUNICATIONS COMMISSION

RECEIVED

Before the
Federal Communications Commission
Washington, D.C. 20554

MAY 20 1991

Federal Communications Commission
Office of the Secretary

MAY 21 2 53 PM '91
AUDIO SERVICES

In re Application of)
HE'S ALIVE, INCORPORATED)
For a Construction Permit for)
a New Non-Commercial Educational)
FM Station on Channel 201A at)
Murrysville, Pennsylvania)

File No. BPED-900606MC

To: Chief, Audio Services Division

PETITION FOR LEAVE TO AMEND

He's Alive Incorporated ("He's Alive"), by its attorneys, hereby petitions for leave to amend its application for a new non-commercial educational FM station at Murrysville, Pennsylvania. In support of its request, He's Alive states the following:

This amendment is being filed pursuant to Sections 73.3522(a)(1) and 73.3514 of the Commission's rules. In a letter February 25, 1991 from Dennis Williams, Chief, FM Branch, He's Alive was directed to submit a revised TV-6 interference study with respect to its application. The attached amendment, which contains such an interference study, should resolve any question as to whether He's Alive's Murrysville application conforms with the basic requirements of Section 73.525 of the Commission's rules.

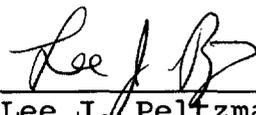
Moreover, questions were raised for the first time in a "Petition to Deny or Dismiss", filed by Carnegie-Mellon Student Government Corporation ("MSGC"), regarding whether He's Alive possesses reasonable assurance of its transmitter site. The

attached amendment specifies a new transmitter site for He's Alive Incorporated, rendering this matter moot.¹

Accordingly, and in view of the above, He's Alive requests that the Commission grant this petition for leave to amend and accept the attached amendment.

Respectfully submitted,

HE'S ALIVE INCORPORATED

By: 

Lee J. Peltzman
Its Attorney

**BARAFF, KOERNER, OLENDER
& HOCHBERG, P.C.
5335 Wisconsin Avenue, N.W.
Suite 300
Washington, D.C. 20015**

(202) 686-3200

May 20, 1991

13328.00\Pleading.Murrysville

¹As the attached Declaration demonstrates, He's Alive was provided reasonable assurance by the chief engineer of WPTT-TV that its former site was available for its use.

CERTIFICATE OF SERVICE

I, Barbara P. Taylor, a secretary in the law office of Baraff, Koerner, Olender & Hochberg, P.C., do hereby certify that on this 20th day of May, 1991, copies of the foregoing document were sent first class United States mail, postage prepaid to the following:

Dennis Williams, Chief*
FM Branch - Mass Media Bureau
Federal Communications Commission
1919 M Street, N.W.
Room 332
Washington, D.C. 20554

David M. Hunsaker, Esq.
Putbrese, Hunsaker & Ruddy
6800 Fleetwood Road, Suite 100
P.O. Box 539
McLean, VA 22101

Earl R. Stanley, Esq.
Wilkinson, Barker, Knauer
& Quinn
1735 New York Avenue, N.W.
Washington, D.C. 20006



Barbara P. Taylor

*Via Hand Delivery

RECEIVED

MAY 20 1991

Federal Communications Commission
Office of the Secretary

MAY 21 2 53 PM '91

AUDIT SERVICES

Murrsville, Pennsylvania
File No. BPED-900606MC

AMENDMENT

Please amend the application of He's Alive, Inc. for a new non-commercial educational FM radio station at Murrsville, Pennsylvania to operate on Channel 201A to include the enclosed engineering.

Date:

Dewayne Johnson*
President
HE'S ALIVE INCORPORATED

*Executed copy is presently enroute to Washington, D.C. and will be filed immediately upon its receipt.

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DECLARATION

I, Dewayne Johnson, am President of He's Alive Incorporated. The following statement is true and correct to the best of my knowledge and belief and is made under penalty of perjury.

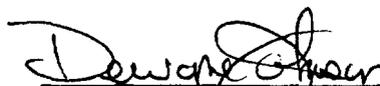
On June 6, 1990, He's Alive Incorporated filed an application for a non-commercial educational FM radio station at Murrysville, Pennsylvania. Prior to that time our engineers had given us a designated area in which a tower could be located. On or around April 16, 1990, I personally visited prospective sites within the designated area and noticed that the WPTT tower was within the area given to me by our engineers. I visited the studios of WPTT and asked to speak to the person in charge of the physical facilities. I was directed to an individual by the name of Neil Ardman, who identified himself as chief engineer of the station. I asked Mr. Ardman about the possibility of He's Alive Incorporated using WPTT's tower for its Murrysville station after Mr. Ardman represented that he was the person who had authority to discuss such matters. Mr. Ardman stated that on behalf of WPTT he could and would grant us approval to use the WPTT tower site. We discussed the fact that our rent would be the going rate and actually discussed what that rate was at the time, although we also agreed that we would work out specific rental details when He's Alive Incorporated received a grant of its Murrysville application.

Again, I want to make clear that Mr. Ardman represented at all times that there was plenty of available space on the WPTT tower and that he could grant us the necessary approval. He even gave us the coordinates of the tower so that we could, in turn, give them to our engineers for use in our application. In a letter I recently received from David Smith, President of Sinclair Broadcast Group, licensee of WPTT, Mr. Smith states that Neil Ardman apparently had made a habit of granting assurance to applicants, like He's Alive Incorporated, to use the WPTT tower site.

Clearly, there was no intent by myself or He's Alive Incorporated to misrepresent its use of the WPTT tower site. Not only would this have been a dishonest manner of proceeding and totally alien to the way that He's Alive Incorporated operates, but it would have made no sense at all for us to claim a site for which we did not have actual assurance. It is our intention in this case (as in every other case in which He's Alive Incorporated has filed an application) that we construct our station immediately upon grant of our application. He's Alive Incorporated has built three stations after filing applications and receiving grants. We hope to do the same in Murrysville and therefore would never presume to list a tower site for which we did not have actual reasonable assurance.

Should the Commission have any questions with respect to this matter, it may contact me at any time.

Date: April 30, 1991



Dewayne Johnson
President
HE'S ALIVE INCORPORATED

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ORIGINAL

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____
ASB Referral Date _____
Referred by _____

Name of Applicant

He's Alive, Inc.

Call letters (if issued)

NEW

Is this application being filed in response to a window? Yes No

N/A

If Yes, specify closing date: _____

Purpose of Application: (check appropriate boxes)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility | <input type="checkbox"/> Construct a new auxiliary facility |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility | <input type="checkbox"/> Modify licensed auxiliary facility |

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Antenna supporting-structure height | <input checked="" type="checkbox"/> Effective radiated power |
| <input checked="" type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency |
| <input checked="" type="checkbox"/> Antenna location | <input type="checkbox"/> Class |
| <input type="checkbox"/> Main Studio location | <input checked="" type="checkbox"/> Other (Summarize briefly) |

To amend BPED-900606MC

File Number(s) BPED-900606MC

1. Allocation:

Channel No. 201	Principal community to be served:		
	City <u>Murrysville</u>	County <u>Allegheny</u>	State <u>PA</u>

Class (check only one box below)

- A B1 B C3
 C2 C1 C D

2. Exact location of antenna.

- (a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.
2.8 km, Southwest of Intersection between Rt. 380 & Rt. 286.
- (b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	<u>40</u> ° <u>28</u> ' <u>51</u> "	Longitude	<u>79</u> ° <u>43</u> ' <u>26</u> "
----------	-------------------------------------	-----------	-------------------------------------

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? Yes No

If Yes, give call letter(s) or file number(s) or both.

N/A

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates.

Yes No

Latitude ° ' "	Longitude ° ' "
---	--

5. Has the FAA been notified of the proposed construction?
If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Yes No

Exhibit No.
VB-1A & VB-1B

Date _____ Office where filed Eastern Region

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

Landing Area	Distance (km)	Bearing (degrees True)
(a) <u>Pittsburgh-Monroevil</u>	<u>4.75</u>	<u>230°</u>
(b) <u>None</u>	_____	_____

7. (a) Elevation: *(to the nearest meter)*

- (1) of site above mean sea level: _____ 365.8 meters
- (2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and _____ 34 meters
- (3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] _____ 399.8 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

- (1) above ground _____ meters (H)
_____ 30 meters (V)
- (2) above mean sea level [(aX1) + (bX1)] _____ meters (H)
_____ 395.8 meters (V)
- (3) above average terrain _____ meters (H)
_____ 73.8 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
VB-2

9. Effective Radiated Power:

(a) ERP in the horizontal plane _____ kw (H=) 0.1995 kw (V=)

(b) Is beam tilt proposed? Yes No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.
N/A

_____ N/A kw (H=) _____ N/A kw (V=)

=Polarization

10. Is a directional antenna proposed?

Yes No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.
VB-11

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

Yes No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.
N/A

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

Yes No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. *(See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)*

Exhibit No.
3

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
VB-4

Murrysville, PA

14. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
VB-5

Pittsburgh, PA

- (a) the proposed transmitter location, and the radials along with profile graphs have been prepared;
- (b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and
- (c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 138 sq. km. Population 81,308

16. Attach as an Exhibit a map *(Sectional Aeronautical charts where obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No.
VB-6

Enter the following from Exhibit above:

Gain Area	<u>9.5</u>	sq. mi.
Loss Area	<u>42.8</u>	sq. mi.

Percent change (gain area plus loss area as percentage of present area) 47.2 %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

Exhibit No.
N/A

17. For an application involving an auxiliary facility only, attach as an Exhibit a map (*Sectional Aeronautical Chart or equivalent*) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: N/A)

18. Terrain and coverage data (*to be calculated in accordance with 47 C.F.R. Section 73.3131*).

Source of terrain data: (*check only one box below*)

Linearly interpolated 30-second database

7.5 minute topographic map

(Source: NGDC)

Other (*briefly summarize*) map.

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	103	5.3
45	42	4.4
90	33	4.5
135	50	4.5
180	79	8.7
225	94	9.5
270	93	7.9
315	100	6.0

Allocation Studies

(See Subpart C of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.
N/A

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.
VB-7

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following: See Engineering Statement- Table I, Table IV

Exhibit No.
VB-8

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ (*separation requirements involving intermediate frequency (i.f.) interference*).

Exhibit No.
N/A

23.(a) Is the proposed operation on Channel 218, 219, or 220?

Yes No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

Yes No N/A

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.
N/A

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
N/A

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-3 - FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
N/A

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

Yes No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.
VB-9A &

VB-9B & 9C

See Engineering Statement- Table II & Table V
25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

Yes No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.
N/A

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

Yes No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.
N/A

If No, explain briefly why not. The proposed site is categorically excluded from environmental processing under the provisions of Section 1.1306 of the FCC Rules and Regulations.

CERTIFICATION

See Exhibit VB-10

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
LALIN FONSEKA	Telecommunications Consultant
Signature	Address (Include ZIP Code)
	LECHMAN & JOHNSON, INC. 9500 Annapolis Road, Suite C-1 Lanham, Maryland 20706
Date	Telephone No. (Include Area Code)
5/16/91	(301) 577-0800

ENGINEERING STATEMENT

**HE'S ALIVE, INC.
FURTHER AMENDMENT TO APPLICATION FOR A NEW
NON COMMERCIAL FM STATION
MURRYSVILLE, PENNSYLVANIA**

Channel 201A 199.5 Watts (MAX) DA 74 Meters

May 16, 1991

LECHMAN & JOHNSON, INC.

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**HE'S ALIVE, INC.
FURTHER AMENDMENT TO APPLICATION FOR A NEW
NON COMMERCIAL FM STATION
MURRYSVILLE, PENNSYLVANIA**

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Engineering Statement		
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Table II		Channel 6 TV Separation Study
Table III		Distance to Proposed Coverage Contours
Table IV		FM Allocation Study
Table V		Channel 6 TV Interference Study
Exhibit VB-1A		FAA Form 7460-1
Exhibit VB-1B		Site on Aeronautical Chart
Exhibit VB-2		Sketch of Antenna
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Exhibit VB-9B		Map Showing TV Channel 6 Interference Contour
Exhibit VB-9C		Map Showing TV Channel 6 Interference Area
Exhibit VB-10		Table Showing Computation on Radiation Level
Exhibit VB-11		Directional Antenna Information
FCC Form 340, Section V-B		

ENGINEERING STATEMENT

HE'S ALIVE, INC. FURTHER AMENDMENT TO APPLICATION FOR A NEW NON COMMERCIAL FM STATION MURRYSVILLE, PENNSYLVANIA

Channel 201A 199.5 Watts (MAX) DA 74 Meters

This Engineering Statement is submitted in support of further amendment to application by He's Alive, Inc., seeking authorization to construct a new non commercial FM Broadcast Station to serve Murrysville, Pennsylvania. The proposal for this facility requests operation on Channel 201A (88.1 MHz), with an effective radiated power (ERP) of 199.5 watts vertically polarized and an effective antenna height above average terrain (HAAT) of 74 meters.

The applicant proposes to operate from a transmitter site located 2.8 km southwest of intersection between Route 380 and Route 286. It is proposed to side-mount an FM antenna on a new tower. Below are the geographic coordinates of the tower site:

North Latitude: 40° 28' 51"
West Longitude: 79° 43' 26"

These coordinates were taken from a 7.5 minute series topographic quadrangle map published by the U.S. Geological Survey. The ground elevation at the proposed site is 1200 feet (365.8 m) above mean sea level.

Table I is a study of all co-channel and adjacent channel allocations, applications and licensed FM stations pertinent to operation on Channel 201 at the proposed site.

Table II list all Channel 6 television stations pertinent to the proposed FM operation on Channel 201.

Table III includes the pertinent data used to predict the distances to the 60 dBu coverage contour of the proposed operation. These distances were determined by using Figure 1, F(50,50) FM propagation curves of Section 73.333 of the Commission's Rules, at an effective radiated power of 0.1995 kW, and the antenna elevation data shown in Table II. The average elevation between each 2-10 mile sector was used in determining the effective antenna height. All contour predictions were done in accordance with the provisions of Section 73.313 of the FCC's Rules and Regulations.

Table IV is a tabulation of all FM stations pertinent to an allocation study for Channel 201 located at the proposed site. The data and computations listed in this Table show that the proposed Channel 201 complies with Section 73.509 of the FCC Rules and Regulations, with the exception of WRCT's pending application for Construction Permit BPED-891108MA, Pittsburgh, Pennsylvania. WRCT's application BPED-891108MA is mutually exclusive with this instant application for a new non commercial FM Station. It has been determined that WRCT's application is a major change application. This instant proposal meets the requirements to the licensed facilities of WRCT.

LECHMAN & JOHNSON, INC.

Engineering Statement
He's Alive, Inc.
Murrysville, Pennsylvania
Page Two

Table V is a tabulation of all affected Channel 6 television stations pertinent to an allocation study for Channel 201 located at the proposed site.

Exhibit VB-1A is a copy of FAA Form which was filed with the Eastern Regional Office.

Exhibit VB-1B is a portion of a Sectional Aeronautical Chart with the proposed transmitter plotted thereon. This map shows the relationship of the site with respect to airports and airways.

Exhibit VB-2 is a sketch of the proposed antenna and supporting structure. All pertinent heights and elevation data are included.

Exhibit VB-3 is a statement which addresses the potential of intermodulation interference generated to radio and TV stations in the vicinity of the proposed site and the applicant's acceptance of the responsibility in this regard.

Exhibits VB-4 is a full scale 7.5 minute topographic quadrangle map (Murrysville, PA) showing the proposed transmitter site and a coordinate grid system and all official markings.

Exhibits VB-5 is a full 1/250,000 scale topographic map (Pittsburgh, PA) showing the proposed transmitter site, the 1.0 mV/m (60 dBu) coverage contour and all official markings.

Exhibit VB-6 is a map showing present and proposed coverage contours.

Exhibit VB-7 is a statement addressing compliance with the Canadian/U.S. FM agreement of 1947 provisions of the agreement of 1947 for allocation of FM broadcast stations on Channels 201-300 within 199 miles (320 km) of its border.

Exhibit VB-8 is a map showing an allocation study using the data listed in Tables I, III & IV of this report. As shown, Channel 201 complies with Section 73.509 of the Rules and Regulations.

Exhibit VB-9A is a statement addressing the procedures used to compute the interference area and showing compliance with Section 73.525 of the FCC Rules.

Exhibit VB-9B is a map showing the affected Channel 6 TV stations using the data from Tables II, III & V of this report.

Exhibit VB-9C is a section of a 7.5 minute topographic map (Murrysville, PA) showing the actual interference area.

Exhibit VB-10 is a Table showing computation in compliance with the formulas outlined in OST Bulletin No. 65.

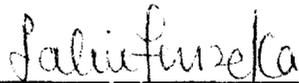
Engineering Statement
He's Alive, Inc.
Murrysville, Pennsylvania
Page Three

Exhibit VB-11 contains all the information relating to the proposed directional antenna system.

Part 73 of the FCC's Rules and Regulations was amended, effective January 1, 1986 to implement the National Environmental Policy Act of 1969 (NEPA). The rule amendment identifies human exposure to RF radiation as an issue for explicit consideration when evaluating potential environmental effects of certain facilities regulated by the FCC. The proposed facility has been evaluated based on OST Bulletin No. 65 (October 1985), "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation" and complies with these standards. Exhibit VB-9 shows the computation associated with this study.

FCC Form 340 Section V-B is also being submitted with this report.

LECHMAN & JOHNSON, INC.



Lalin Fonseka
Telecommunications Consultant
May 16, 1991

LECHMAN & JOHNSON, INC.

TABLE X
 FM SEPARATION STUDY
 HE'S ALIVE, INC.
 FURTHER AMENDMENT TO APPLICATION FOR A NEW
 NON COMMERCIAL FM STATION
 MURRYSVILLE, PENNSYLVANIA

<u>Designation</u>	<u>Channel</u>	<u>Nearest Allocation or Authorized Station</u>	<u>Separation (km)</u>	
			<u>Actual</u>	<u>Required</u>
Co-channel	201A	WVBC, Bethany, WV	76.8	<u>2</u> /
1st Adjacent	202A	WRCT, Pittsburgh, PA	19.1	<u>2</u> /
1st Adjacent	202A	Apc., BPED-891108MA	19.1	<u>3</u> /
2nd Adjacent	203	<u>1</u> /		
3rd Adjacent	204	<u>1</u> /		
I.F.	253	<u>1</u> /		
	254	<u>1</u> /		

1 / No stations close enough for consideration.

2 / Proposed facility complies with Section 73.509 of the FCC Rules.

3 / The subject proposal is mutually exclusive with the WRCT application.

TABLE IX

TV SEPARATION STUDY

HE'S ALIVE, INC.
FURTHER AMENDMENT TO APPLICATION FOR A NEW
NON COMMERCIAL FM STATION
MURRYSVILLE, PENNSYLVANIA

Channel 201A 199.5 Watts (MAX) DA 74 Meters

<u>Affected Channel 6 Television Station</u>	<u>Separation (km)</u>	
	<u>Actual</u>	<u>Required</u>
WJAC, Johnstown, PA	64	265 / <u>1</u>

/1 Stations to be considered in accordance with Section 73.525(a)(1) of the Rules and Regulations.

TABLE III

DISTANCE TO PROPOSED COVERAGE CONTOURS

HE'S ALIVE, INC.
 FURTHER AMENDMENT TO APPLICATION FOR A NEW
 NON COMMERCIAL FM STATION
 MURRYSVILLE, PENNSYLVANIA

Channel 201A 199.5 Watts (MAX) DA 74 Meters

Azimuth °True	Average Elevation 2-10 miles (meters A.M.S.L.)/1	Effective Antenna Height Above Average Terrain (Meters)	Effective Radiated Power (dBk)	Distance to Proposed Contour (km) 60 dBu
0	293	103	-22.0	5.3
45	354	42	-16.9	4.4
90	363	33	-14.5	4.5
135	346	50	-18.5	4.5
180	317	79	-11.0	8.7
225	302	94	-11.0	9.5
270	303	93	-14.0	7.9
315	296	100	-19.5	6.0

Ground elevation at site A.M.S.L.	365.8
Average elevation of terrain (3-16 km) A.M.S.L.	322.0
Effective antenna height above average terrain	73.8
Effective antenna height above ground level	30.0
Effective antenna height A.M.S.L.	395.8
Overall tower height above ground level	34.0
Overall tower height A.M.S.L.	399.8

Coordinates

North Latitude: 40° 28' 51"
 West Longitude: 79° 43' 26"

TABLE IV

FM ALLOCATION STUDY

HE'S ALIVE, INC.
 FURTHER AMENDMENT TO APPLICATION FOR A NEW
 NON COMMERCIAL FM STATION
 MURRYSVILLE, PENNSYLVANIA

Channel 201A 199.5 Watts (MAX) DA 74 Meters

Proposed Channel 201A
 Murrysville, Pennsylvania
 0.1995 (Max) DA kW ERP/74 Meters EAH
 40° 28' 51" N/79° 43' 26"

<u>Bearing</u> <u>°True</u>	<u>EAH</u> <u>Meters</u>	<u>ERP</u> <u>(dBk)</u>	<u>Predicted Contours (km)</u>		
			<u>60 dBu</u> <u>2/</u>	<u>54 dBu</u> <u>3/</u>	<u>40 dBu</u> <u>3/</u>
0	103	-22.0	5.3	7.4	17.1
45	42	-16.9	4.4	6.3	14.1
90	33	-14.5	4.5	6.4	14.4
135	50	-18.5	4.5	6.3	14.1
180	79	-11.0	8.7	12.1	28.7
225	94	-11.0	9.5	13.2	31.6
270	93	-14.0	7.9	11.1	26.3
315	100	-19.5	6.0	8.4	19.8

Channel 201A, WVBC
 Bethany, West Virginia
 1.10 kW/125 m
 40° 12' 58" N/80° 33' 31" W

<u>Bearing</u> <u>°True</u>	<u>EAH</u> <u>Meters</u>	<u>ERP</u> <u>(kW)</u>	<u>Predicted Contours (km)</u>	
			<u>60 dBu</u> <u>2/</u>	<u>40 dBu</u> <u>3/</u>
All	125	1.10	21.3	65.9

**TABLE IV
(Continued)**

Channel 202A WRCT
Pittsburgh, Pennsylvania
0.10 kW ERP/18 m EAH
40° 26' 39" N/79° 56' 37" W

Bearing °True	EAH Meters <u>1</u> /	ERP (kW)	Predicted Contours (km)	
			60 dBu <u>1</u> /	54 dBu <u>3</u> /
0	18.6	0.10	5.8	8.0
45	58.3	0.10	7.9	11.2
90	-3.5	0.10	5.8	8.0
135	48.7	0.10	7.2	10.3
180	11.2	0.10	5.8	8.0
225	-16.8	0.10	5.8	8.0
270	41.2	0.10	6.4	9.4
315	-11.0	0.10	5.8	8.0

Channel 202A
New Application, BPEI-891108MA
Pittsburgh, Pennsylvania
1.50 kW ERP/16 m EAH
40° 26' 39" N/79° 56' 37" W

Bearing °True	EAH Meters <u>1</u> /	ERP (kW)	Predicted Contours (km)	
			60 dBu <u>1</u> /	54 dBu <u>3</u> /
0	24.4	1.5	11.2	15.9
45	21.9	1.5	11.2	15.9
90	-17.1	1.5	11.2	15.9
135	50.9	1.5	14.5	21.6
180	16.5	1.5	11.2	15.9
225	7.3	1.5	11.2	15.9
270	15.5	1.5	11.2	15.9
315	9.4	1.5	11.2	15.9

1 / Data taken from station records on file with the FCC.

2 / F(50,50) FM propagation curves used.

3 / F(50,10) FM propagation curves used.

TABLE V

CHANNEL 6 TV INTERFERENCE STUDY

HE'S ALIVE, INC.
 FURTHER AMENDMENT TO APPLICATION FOR A NEW
 NON COMMERCIAL FM STATION
 MURRYSVILLE, PENNSYLVANIA

Channel 201A 199.5 Watts (MAX) DA 74 Meters

Channel 6, WJAC
 Johnstown, PA
 70.8 kW/341 m EAH
 40° 22' 17"/78° 58' 58"

<u>Bearing °True</u>	<u>EAH 1 / feet (Meters)</u>	<u>ERP (dBk)</u>	<u>47 dBu 1 / Miles (km)</u>	<u>68 dBu 1 / Miles (km)</u>
225	552 (168.3)	18.5	54 (86.9)	25.5 (41.0)
270	1576 (480.4)	18.5	70.9 (114.1)	38.6 (62.1)
315	1361 (414.8)	18.5	67.5 (108.6)	36.5 (58.7)

Channel 11, WPXI
 Pittsburgh, Pennsylvania
 316 kW/302 m EAH
 40° 27' 28"/80° 00' 18"

<u>Bearing °True</u>	<u>EAH 1 / feet (Meters)</u>	<u>ERP (dBk)</u>	<u>77 dBu 2 / Miles (km)</u>
0	908 (276.8)	25.0	27.6 (44.4)
45	986 (300.5)	25.0	28.6 (46.0)
90	976 (297.5)	25.0	28.4 (45.7)
135	1059 (322.8)	25.0	29.4 (47.3)
180	937 (285.6)	25.0	28.0 (45.1)
225	1070 (326.1)	25.0	29.5 (47.5)
270	1079 (328.9)	25.0	29.7 (47.8)
315	988 (301.2)	25.0	28.6 (46.0)