

February 5, 1982

Mr. Solstri  
Federal Communications Commission  
District Office  
201 Varick Street  
New York, NY 10014

Dear Mr. Solstri:

This is in response to your telephone call concerning a report of radio interference from Mr. R. E. Flowers of 383 Bartlett Avenue, Staten Island, N.Y.

On December 23rd, 1981, I personally visited Mr. Flowers in an attempt to help resolve his interference problem. Mr. Flowers said that he could not receive WRSU in New Brunswick, N.J. or WFDU in Teaneck, N.J. while WSIA was on the air. Mr. Flowers' receiver is a J.C. Penney model MCS 3233 connected to an omni directional antenna mounted on the eastern side of his house. I personally checked reception on Mr. Flowers' receiver and determined that it was, in fact, difficult to pick up WRSU and WSIA was clearly receivable.

Subsequent to meeting with Mr. Flowers, we forwarded a map showing the location of his home to our consulting engineer to determine whether WSIA was interfering with either WRSU or WFDU within their normally protected service areas.

Our engineer has informed us that Mr. Flowers' home is 15.5 miles from WRSU, Channel 204A in New Brunswick, N.J. The WRSU 60 dbu protected service contour reaches 8.5 miles toward Staten Island. Mr. Flowers' house is 7 miles outside WRSU's service contour and only 4.2 miles from WSIA. The WFDU 60 dbu service contour extends 13 miles on bearings toward Staten Island. Mr. Flowers' house is 30.7 miles from the WFDU transmitter, more than 17 miles outside the protected WFDU 60 dbu contour. Additionally, Mr. Flowers' house is located at a ground elevation of approximately 40 feet and his reception of WFDU is shadowed by numerous nearby hills on Staten Island which exceed 300 feet in height. There is line of sight reception between Mr. Flowers' antenna and the WSIA transmitting antenna 4.2 miles away.

Based on this information, we believe that WSIA is operating properly and that the problems encountered by Mr. Flowers are the result of attempting to receive stations well beyond the range of their protected service contours. We will recommend to Mr. Flowers that he experiment with a more selective receiver which will have the capability of rejecting a strong local signal while receiving distant stations on first adjacent channels. This seems to be the only logical answer to Mr. Flowers' complaint, but we will of course continue to assist him in any way possible.

Thank you for your telephone call. If you have any other questions regarding this matter, please contact us.

Sincerely yours,

Greg Adamo  
General Manager, WSIA

GA:jsw  
cc: Mr. R.E. Flowers  
Ms. Lorelei Stevens  
Ms. Kathy Galvez  
Ms. Marianne McLaughlin