6. Would you describe the principal operations that are involved in pro-

ducing this output?

Applications for new, or modifications in existing stations in the AM, FM, TV, and auxiliary services are processed to determine technical, legal, and financial qualifications of the applicants. Applications for renewals, transfers, and assignments of existing authorizations are also processed in accordance with appropriate rules and policies of the Commission. Bureau personnel also participate in adjudicatory proceedings and enforcement activities. Other activities include: international conferences, treaty negotiations, defense activities, studies of frequency requirements, allocation plans, studies of technical requirements and developments, coordination with other bureaus and offices of the Commission and other Government agencies relative to broadcast activities. Continuing efforts are also made by rulemaking procedures to aid in the orderly development of the several broadcast services, especially frequency modulation stations (FM), ultrahigh frequency television stations (UHF), and noncommercial educational stations—both aural and television. Special emphasis has been placed on these particular classes of stations because the full potential of these services has not yet been achieved.

7. How many employees are involved in the program and in what general

type of employment categories do they fall?

Approximately 246. The personnel employed are electronic engineers, technicians, lawyers, accountants, economists, secretaries, typists, and clerks.

8. What is the grade structure and how many super grades—quota and nonquota-are involved?

The grade structure of the Broadcast Bureau is as follows:

[[4] [[4] [[4] [4] [4] [4]	1   GS-12	10   GS-6	20
GS-18		11 GS-5	37
GS-17	1 GS-11	1 GS-4	11
GS-16	3   GS-10	19 GS-3	21
GS-15	27   GS-9	ㅡㅡㅜ'ㅠㅠ 다시고 하네요 그러워요. 그 보다 없는데 하나 다니다. 그게 먹다.	$\overline{}_2$
GS-14	25   GS-8	0 GS-2	$oldsymbol{1}$
GS-13	32   GS-7	24   GS-1	00.16

There are five super grade positions: one GS-18; one GS-17; and three GS-16. They are all quota positions.

9. What capital equipment, such as ADP, if any, do you rely upon to fulfill this

The Commission's computer is used in compiling ownership data, developing allocation plans for the TV and FM services, together with assignment of individual proposals. The computer is also used in several technical studies related to the processing of AM applications.

10. Do you expect the expenditures or the benefits of the program to grow

appreciably in the future?

The number of authorized stations (AM, FM, TV) has increased from 4,721 in 1957 to 9,841 in 1967, with an estimated increase to 10,894 at the end of fiscal year 1969. This represents a doubling of the service in 10 years. It is expected that this rate of increase will continue for the future with the added growth concentrated in the FM and TV services. Additional personnel will be needed as the workload increases due to the growth of the service.

11. At what level are the personnel responsible for the various parts of the program coordinated to determine if the program as a whole is being efficiently

Coordination of the broadcast program is handled in the Office of the Bureau

Chief, Deputy Bureau Chief, and the Assistant Bureau Chiefs.

12. Is there a continual program review within the agency, other than the annual budgetary review, to determine more effective and efficient ways to

achieve these program objectives?

There is a continuing review by the Office of the Bureau Chief and by the division chiefs within the Bureau to determine the most efficient and effective ways to achieve program objectives. In addition there is a semiannual cost reduction review and a quarterly review of the improvements in services to the public. Also the Commission on a regular basis reviews the objectives and problems of each operating bureau.

13. To your knowledge, does this program duplicate or parallel work being

done by any other agency?

14. Is your organizational structure such that the program is being carried out most efficiently and effectively?