

producing some uranium 233 from thorium and the third breeder reactors which will run on the thorium-uranium 233 cycle. In these last stage reactors, more fissile material will be produced than is burnt in them and they will only require a feed of a few tons of thorium for breeding purposes. With the commencement of the construction of a 200 MWe station at Rana Pratap Sagar in Rajasthan and the proposed installation of additional nuclear power based on natural uranium reactors, the first stage has begun. As the House is aware, a plant for treating used fuel elements and extracting from them the very valuable fissile material plutonium has been completed and is in operation at the Atomic Energy Establishment, Trombay. It is this material which will form the bridge to our use of thorium for the generation of electricity from atomic energy.

Emergency Recruitment

1397. **Shri E. Madhusudan Rao:** Will the Minister of Defence be pleased to state:

(a) whether it is a fact that the Emergency Commissions have now been discontinued;

(b) the reasons therefor; and

(c) the number of officers recruited under Emergency Commissions since the Chinese invasion in 1962?

The Minister of Defence (Shri Y. B. Chavan): (a) Yes, Sir, in respect of all Arms and Services except Army Medical Corps Remounts and Veterinary Corps. The last batch of Emergency Commissioned cadets is now undergoing training and will be commissioned in January, 1965.

(b) The emergency recruitment target has been reached in these Arms and Services. Normal recruitment will hereafter be made by granting Permanent Regular Commissions and Short Service Regular Commissions.

(c) 8439, excluding Army Medical Corps and Remounts and Veterinary Corps.

1267 (A) LSD—15.

ग्वालियर में रेडियो स्टेशन

1398. **श्री कृष्ण प्रसाद :** क्या सूचना और प्रसारण मन्त्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि ग्वालियर (मध्य प्रदेश) में एक रेडियो स्टेशन का निर्माण हो रहा है ; और

(ख) यदि हाँ, तो यह कब तक बन कर तैयार हो जायेगा और कब तक चालू कर दिया जायेगा ?

सूचना और प्रसारण बंधी (जीवली इन्दिरा गांधी) : (क) और (ख). ग्वालियर में ५ किलोवाट के ट्रांसमीटर और श्रवण यूनिट का एक सहायक केन्द्र १५ अगस्त १९६४ को चालू कर दिया गया। भोपाल स्टेशन के प्रोग्राम इस केन्द्र से रिले किये जाते हैं। ग्वालियर से प्रोग्राम प्रसारण के लिए स्टूडियो सहित सम्पूर्ण रेडियो स्टेशन स्थापित करने का इस समय कोई विचार नहीं है।

'Avro' Plane Manufacturing Project

1399. { **Shrimati Savitri Nigam:**
Shri P. C. Borooah:
Shri P. B. Chakravarti:

Will the Minister of Defence be pleased to state:

(a) whether the 'Avro' plane manufacturing project has entered into some difficulties, which have thwarted further progress of the project;

(b) if so, the nature of the difficulties; and

(c) the action taken to extricate the project from these trouble?

The Minister of Defence Production in the Ministry of Defence (Shri A. M. Thomas): (a) No, Sir. However, the production of Avro 748 aircraft is behind schedule.