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FROM: General Electric Company San Jose, California 95114 I. F. Stuart			DATE OF DOC 11-2-73	DATE REC'D 11-5-73	LTR X	MEMO	RPT	OTHER
TO: Mr. Moore			ORIG 1 signed	CC	OTHER	SENT AEC PDR _____ X SENT LOCAL PDR _____ X		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-219/220/263/271		
DESCRIPTION: Ltr trans the following: <u>DIST PER Ed. Gray</u>			ENCLOSURES: Figures 4-25, 4-31 & 4-39 for maximum average planar linear heat generation rate which replace similarly numbered figures in NEDM 10735 Supplement 6, 7, & 8. (1 cy ea encl rec'd) ACKNOWLEDGED					
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FOR ACTION/INFORMATION

11-8-73

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GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 175 CURTNER AVENUE, SAN JOSE, CALIFORNIA 95114
Phone (408) 297-3000, TWX NO. 910-338-0116

NUCLEAR ENERGY
DIVISION
BWR PROJECTS DEPARTMENT

November 2, 1973

50-219

50-220

50-263

50-271

Mr. Voss A. Moore
Assistant Director for
Boiling Water Reactors
Directorate of Licensing
Office of Regulation
U.S. Atomic Energy Commission
Washington, D.C. 20545



Dear Mr. Moore:

SUBJECT: FUEL DENSIFICATION

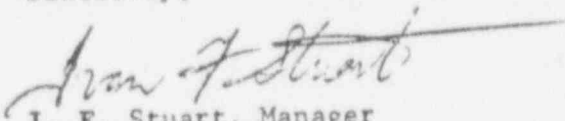
Reference: Telecon Victor Stello (AEC Staff) and Ivan Stuart (GE),
October 18

Enclosed are new γ -curves for Maximum Average Planar Linear Heat Generation Rate. The enclosed figures replace the similarly numbered figures in NEDM 10735 Supplement 6, 7, and 8 composite. The enclosed figures are marked (Rev 11-5) to differentiate them from those which are presently in NEDM 10735. Curves 3-9A2, 4-9B1-4, and 4-9C2 were also checked and it was determined that no changes to those curves are necessary.

As requested in the referenced telecon, these curves have computer calculated points for 25,000 MWD/T exposure.

It is hoped this information will assist your review of fuel densification effects in GE 3WR's. If we can be of any further assistance, please call.

Sincerely,



I. F. Stuart, Manager
Licensing Subsection
Mail Code 682, Ext. 2791

IFS:bjs

Enclosures



8016

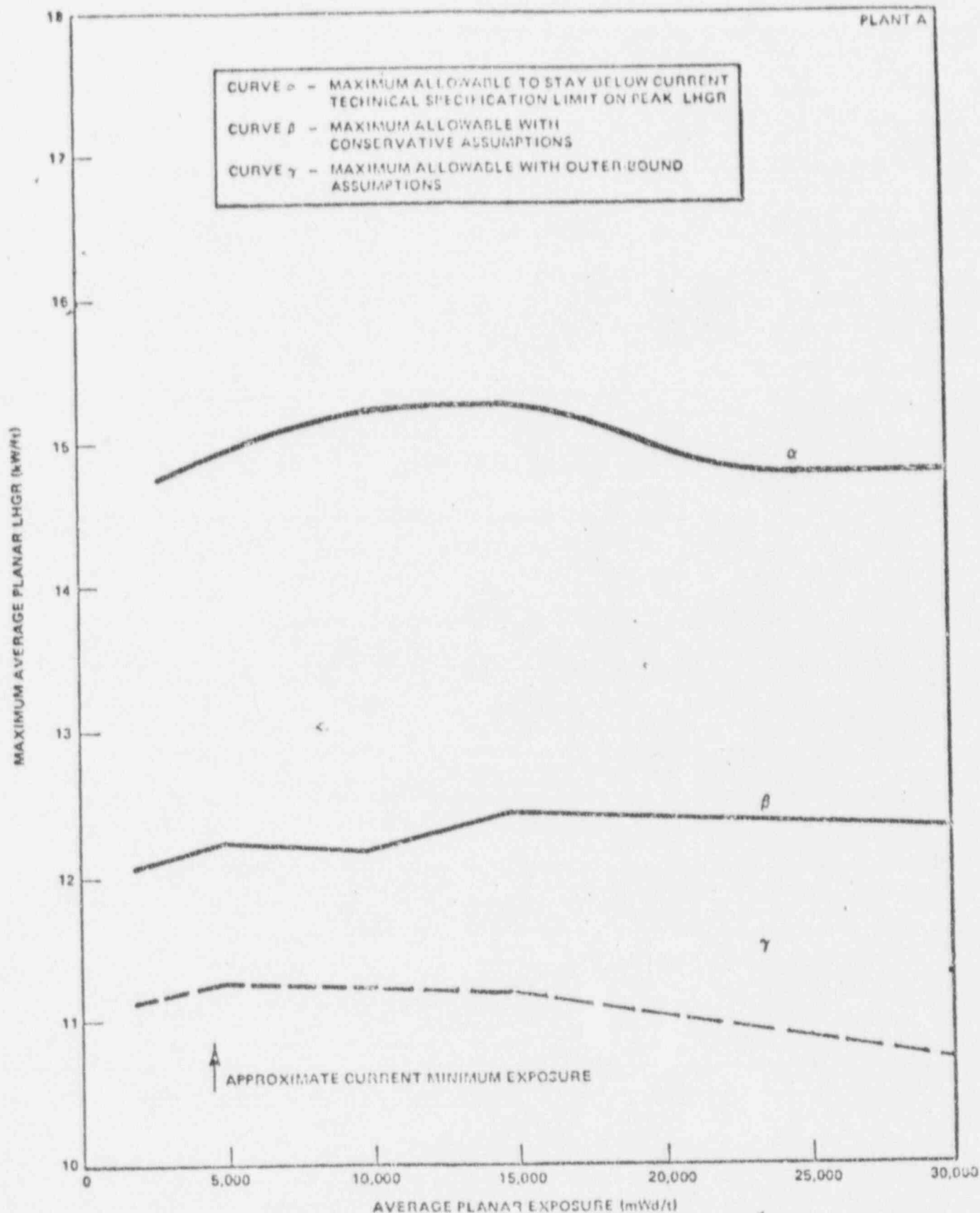


Figure 4-9A1 Maximum Allowable Average Planar LHGR Applicable to Fuel Type Reload 1 (Rev. 11-5)

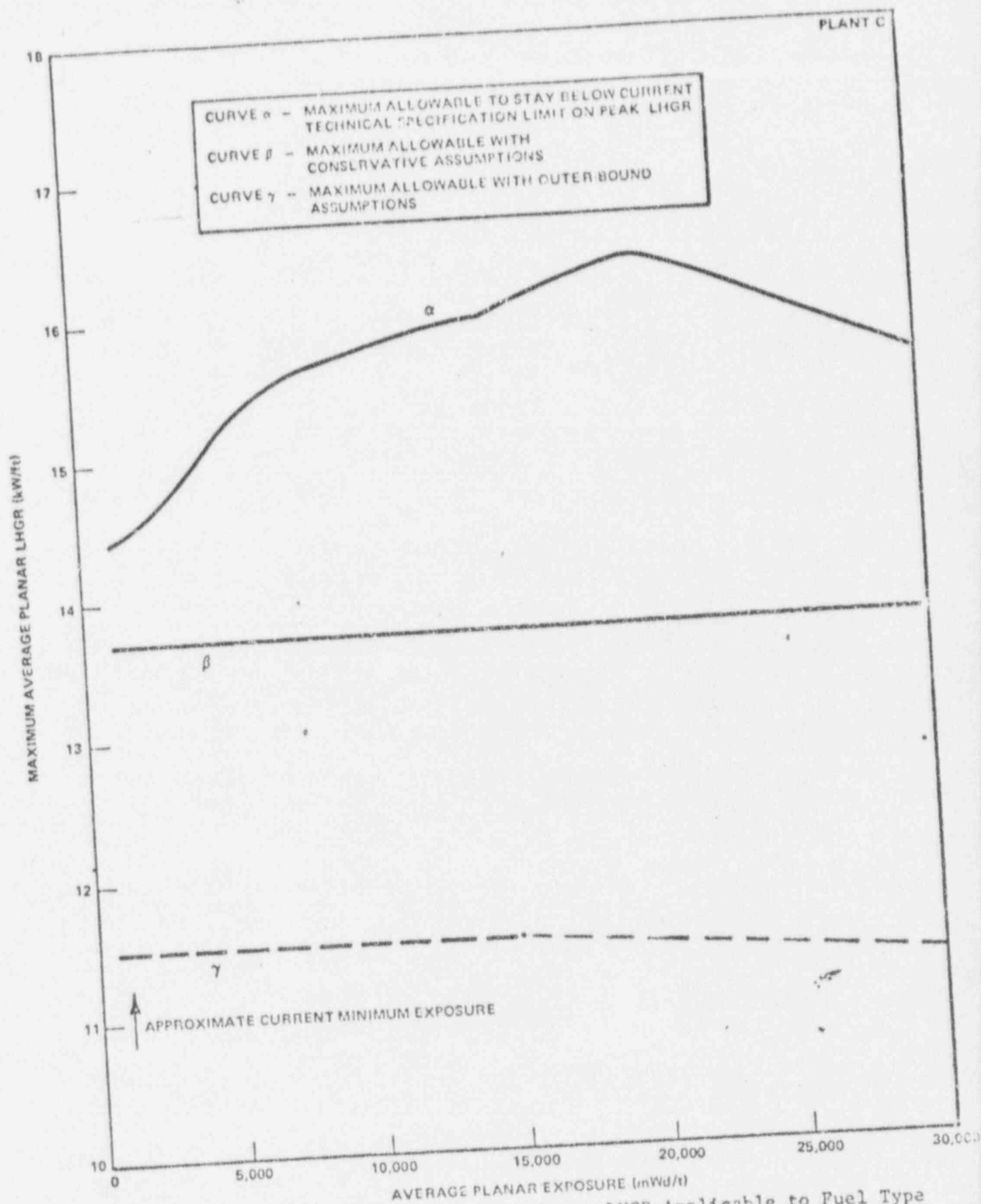


Figure 4-9C1 Maximum Allowable Average Planar LHGR Applicable to Fuel Type Reload 1 (Generic B) (Rev. 11-5)

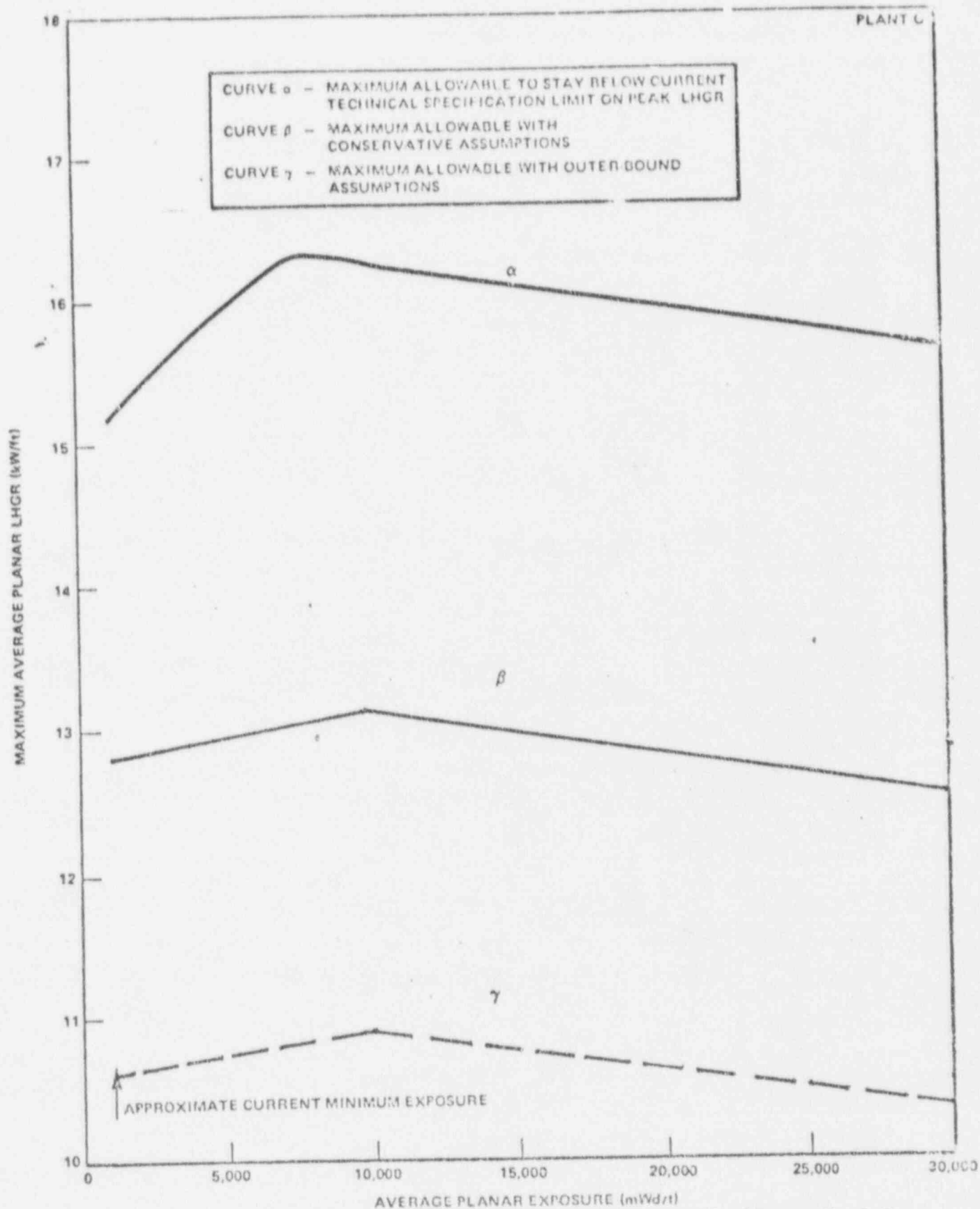


Figure 4-9G Maximum Allowable Average Planar LHGR Applicable to Fuel Type Initial Core (Rev. 11-5)