

DEC 28 1973

Docket No. 50-220

Niagara Mohawk Power Corporation
ATTN: Mr. Philip D. Raymond
Vice President - Engineering
300 Erie Boulevard West
Syracuse, New York 13202

Change No. 10
License No. DPR-17

Gentlemen:

Your letter dated December 13, 1973, proposed changes to the Technical Specifications of Facility License No. DPR-17 for the Nine Mile Point Unit 1 reactor that would increase the maximum average planar linear heat generation rate (MAPLHGR). These changes in the MAPLHGR are the result of changes in the fuel densification model by the General Electric Company as reported in NEDO-20181, "GEGAP III A Model for Prediction of Pellet-Clad Thermal Conductance in BWR Fuel Rods", dated November 1973, and its supplement NEDC-20181 Supplement 1 (Proprietary) dated November 1973. Modifications to the proposed model were made by the Regulatory staff and transmitted by our letter dated December 5, 1973, to you.

The changes in the fuel densification model provide for an exposure dependent gap conductance and time-dependent fuel densification. The Regulatory staff evaluation of these changes is reported in "Supplement 1 to the Technical Report on Densification of General Electric Reactor Fuels", dated December 14, 1973, and our Safety Evaluation dated December 14, 1973, for the Nine Mile Point Unit 1 reactor which were provided to you by our letter of December 14, 1973.

Pursuant to an Order dated December 28, 1973, of the Atomic Safety and Licensing Board in the matter of PETITION FOR DERATING OF CERTAIN BOILING WATER REACTORS, the Director of Regulation, in accordance with Section 50.59 of 10 CFR Part 50, has issued Change No. 10 to the Technical Specifications of Facility License No. DPR-17. This change is effective immediately.

Sincerely,

Original Signed by:
Robert J. Schemel
Donald J. Skovholt
Assistant Director
for Operating Reactors
Directorate of Licensing

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OFFICE	Enclosure: Change No. 10				
SURNAME	cc w/enclosure: See next page				
DATE					

DEC 28 1973

cc w/enclosure:

J. Bruce MacDonald, Esquire
Deputy Commissioner and Counsel
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(w/NMP ltr dtd 12/13/73)

Oswego City Library
120 East Second Street
Oswego, New York 13126

cc w/enclosure and cy of ltrs
mentioned above w/o proprietary
information:*

Mr. Hans L. Hamster
ATTN: Joan Sause
Office of Radiation Programs
Environmental Protection Agency

Mr. Paul Arbesman
Environmental Protection Agency
26 Federal Plaza
New York, New York 10007

*And NEDO-20181 and ~~X~~N-174.

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NIAGARA MOHAWK POWER CORPORATION

LICENSE NO. DPR-17

CHANGE NO. 10 TO TECHNICAL SPECIFICATIONS

DOCKET NO. 50-220

Make the following changes to the specifications:

1. Delete Figure 3.1.7 and replace with the attached Figures 3.1.7a, b, c, and d. Under the Limiting Condition for Operation 3.1.7, delete the phrase in the last sentence in paragraph a. of the Specification "Figure 3.1.7" and replace with the phrase Figures 3.1.7a, b, c, and d.
2. Replace the third through sixth paragraphs of the Bases 3.1.7a with the following: "The maximum average planar LHGR curves for the various fuel types in the core shown in Figures 3.1.7a, b, c, and d are based on calculations using the models described in the GE reports NEDO-10735, as modified by the GE report NEDO-20181 and the GE letter of December 12, 1973, to V. Moore from J. Hinds, 'Plant Evaluation with GEGAP-III'."

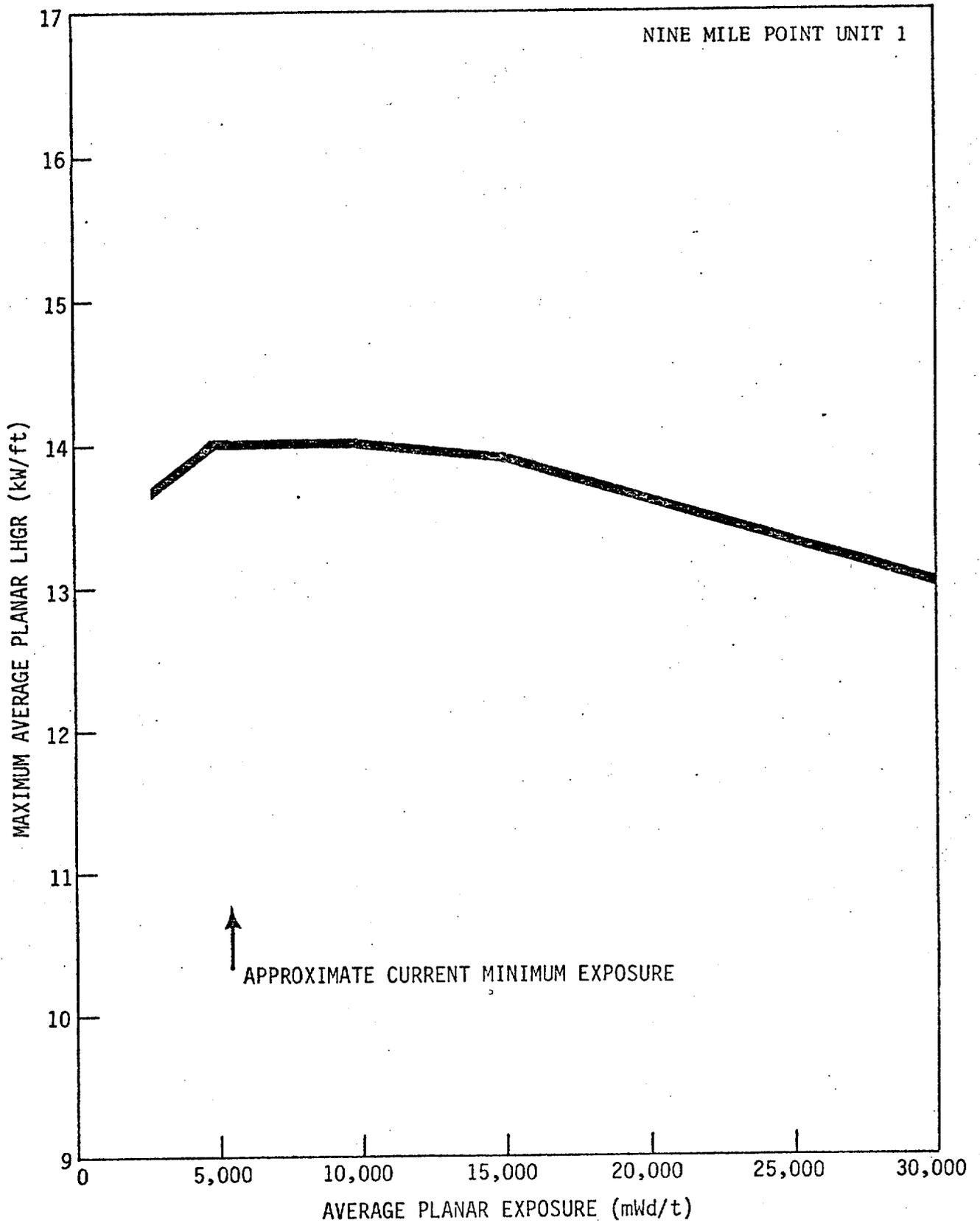


FIGURE 3.1.7.a MAXIMUM ALLOWABLE AVERAGE PLANAR LHGR
APPLICABLE TO FUEL TYPE INITIAL CORE

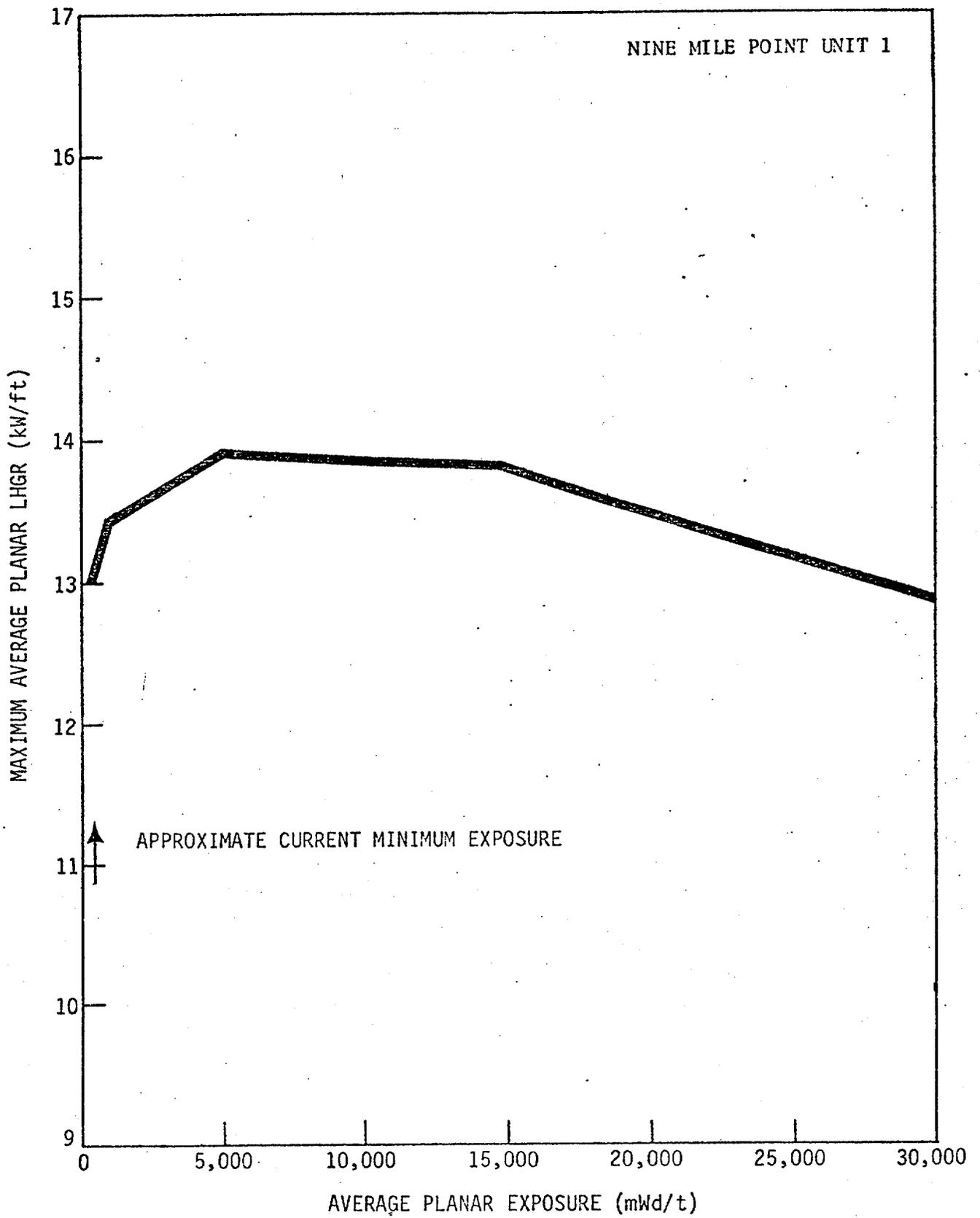


FIGURE 3.1.7.b MAXIMUM ALLOWABLE AVERAGE PLANAR LHGR APPLICABLE TO FUEL TYPE RELOAD 1

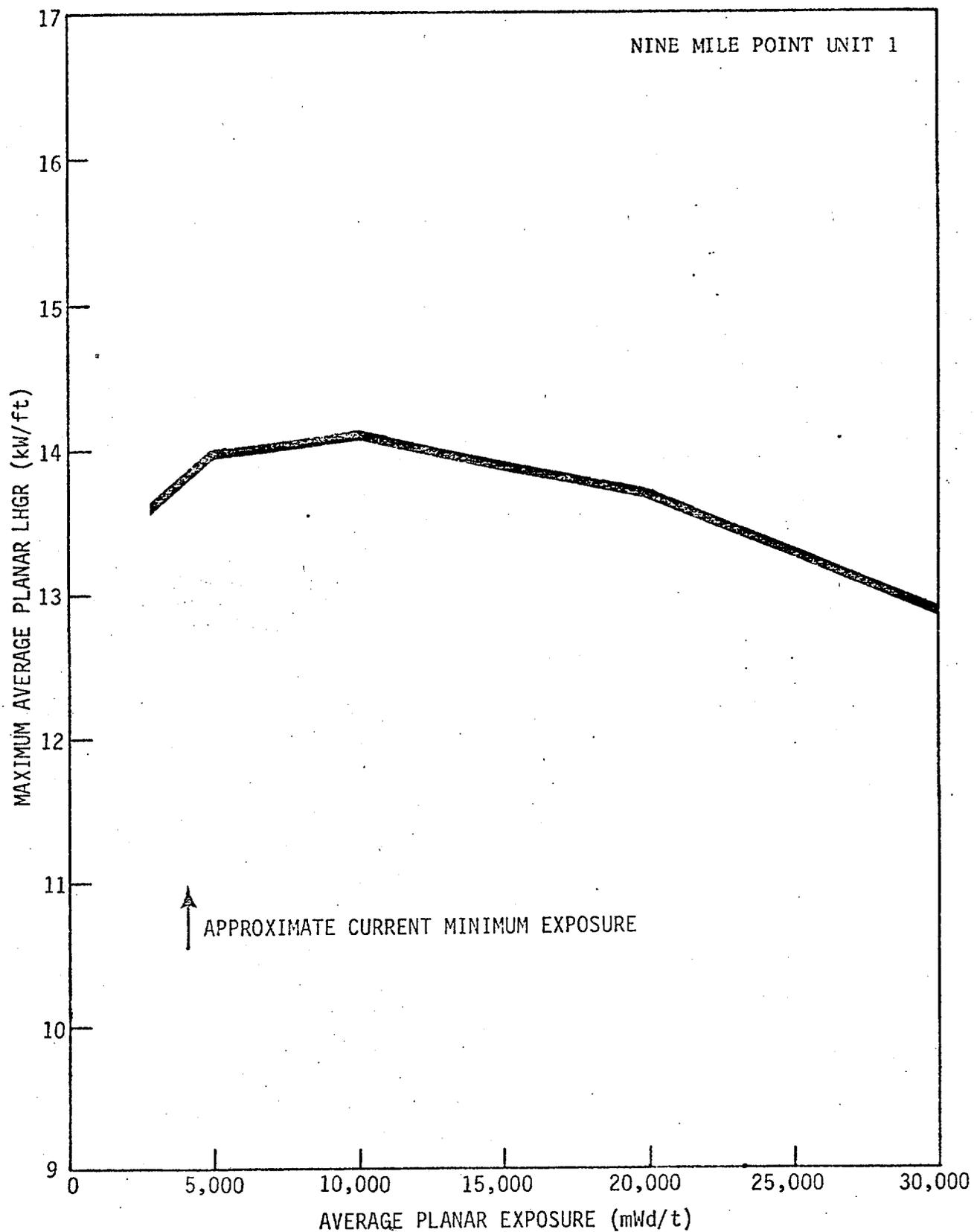


FIGURE 3.1.7.c MAXIMUM ALLOWABLE AVERAGE PLANAR LHGR
APPLICABLE TO FUEL TYPE RELOAD 2 (GENERIC A)

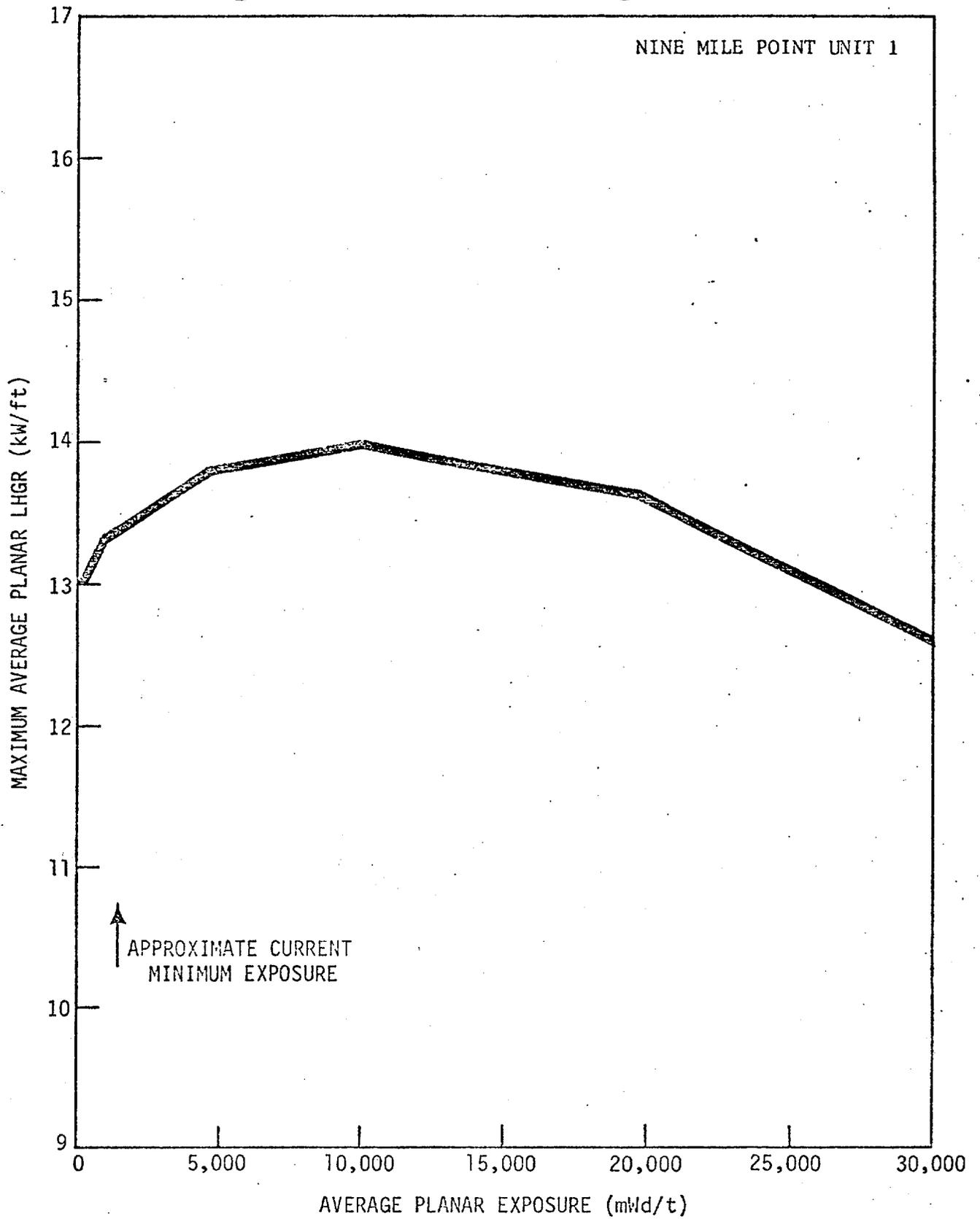


FIGURE 3.1.7.d MAXIMUM ALLOWABLE AVERAGE PLANAR LHGR
APPLICABLE TO FUEL TYPE RELOAD 3 (GENERIC C)