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SUBJECT: Requests extension of four months to 880131 for submittal of summary of technical rept for analysis of facility surveillance capsule, due to unanticipated major repair work on Westinghouse heavy duty remote manipulator.

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JAMES D. SHIFFER
VICE PRESIDENT
NUCLEAR POWER GENERATION

September 28, 1987

PGandE Letter No.: DCL-87-241

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington D.C. 20555

Re: Docket No. 50-275, OL-DPR-80
Diablo Canyon Unit 1
Request for Extension of Submittal Date for Surveillance Capsule Summary
Technical Report

Gentlemen:

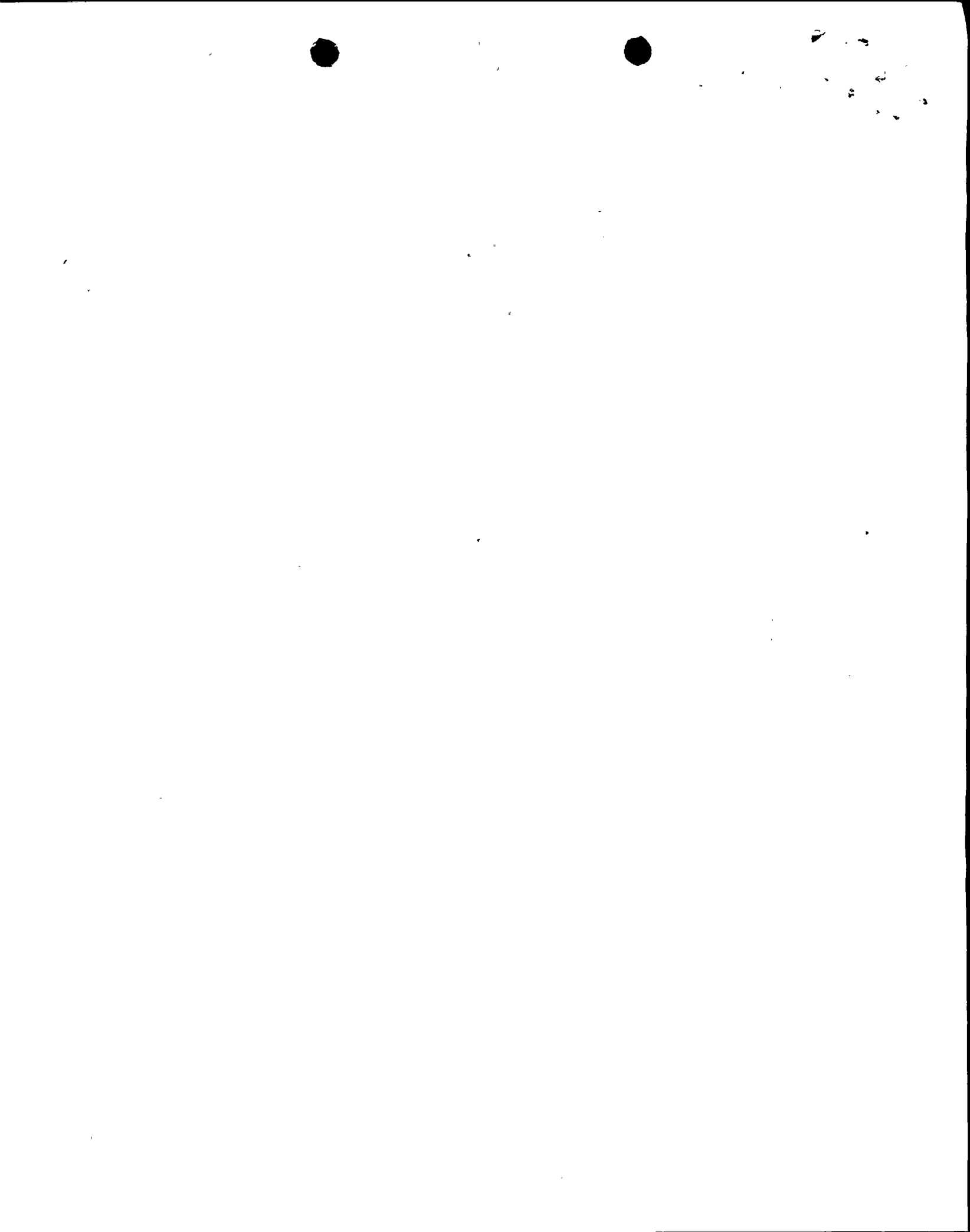
Appendix H of 10 CFR Part 50 requires PGandE to submit a Summary Technical Report on the analysis of the surveillance capsule within one year of its withdrawal from the reactor vessel unless an extension is granted by the Director of the Office of Nuclear Reactor Regulation. The first surveillance capsule was withdrawn from Diablo Canyon Unit 1 on October 10, 1986, and shipped to Westinghouse for analysis in early January 1987. However, due to unanticipated major repair work on Westinghouse's heavy-duty remote manipulator for handling the capsule and because additional time was required to reconstitute some of the broken Charpy specimens to generate more data, it became apparent in early September 1987 that the Summary Technical Report could not be completed on schedule. A delay of up to four months is expected in the submittal of the Summary Technical Report.

Under the provisions of 10 CFR Part 50 Appendix H, PGandE requests an extension of four months, to January 31, 1988, for submittal of the Summary Technical Report for the analysis of the Diablo Canyon Unit 1 surveillance capsule.

The purpose of the reactor vessel material surveillance program is to monitor the effects of neutron irradiation and the thermal environment on the reactor vessel beltline material. The analysis of the surveillance capsule serves to monitor the material properties used to calculate the pressure-temperature operating limit for the reactor vessel as required by Appendix G of 10 CFR Part 50.

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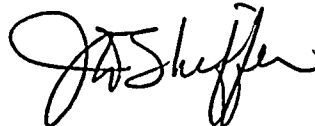
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The expected exposure for the Unit 1 reactor vessel at the end of December 1987 is 2.1 effective full-power years (EFPY). The existing pressure-temperature limit curve for Diablo Canyon Units 1 and 2 Technical Specification Figures 3.4-2 and 3.4-3 and the revised curves submitted in License Amendment Request (LAR) 85-11, dated October 24, 1985, are valid for 6 EFPY and 5 EFPY, respectively. The existing operating limits are therefore valid for an additional 2.9 EFPY beyond the date when PGandE proposes to submit the Summary Technical Report. Hence, there is adequate margin between the actual amount of neutron irradiation exposure to the reactor vessel and the exposure permitted by the operating license. Because of this margin, a four-month delay in the submittal of the Summary Technical Report will in no way affect the reactor vessel integrity. On this basis, PGandE concludes that a four-month delay in the submittal of the Summary Technical Report will have no significant safety impact on plant operation.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

Sincerely,



cc: H. R. Denton
J. B. Martin
M. M. Mendonca
P. P. Narbut
B. Norton
B. H. Vogler
CPUC
Diablo Distribution

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