

NOV 24 1987

APPENDIX B

NOTICE OF DEVIATION

Homestake Mining Company  
Milan Mill

Docket No. 40-8903  
License No. SUA-1471

During an NRC inspection conducted October 19-22, 1987, it appears that certain of your activities were not conducted in conformance with your commitments to the Commission. Based on the results of the inspection and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1987), the following deviations were identified:

- A. The licensee proposed a bioassay program for NRC review on December 15, 1986. The program specified that the licensee would take corrective actions in accordance with recommendations contained in Regulatory Guide 8.22 in response to exceeding specific action levels for uranium in urine.

Contrary to this commitment, the licensee has not implemented a formal, documented program for performing the corrective actions. Corrective actions could not be verified for seven bioassay results which exceeded the initial action level of 15 ug/l between January and August, 1987.

- B. The licensee proposed a quality assurance program for NRC review on June 19, 1987. The program stated that radiation survey instruments would be checked for proper functioning with a check source each day it is used, and instruments found to measure the check sources with greater than 20 percent error would be sent off for repair or calibration.

Contrary to this commitment, the licensee has not established a written procedure for using check sources to assure that survey instrument function checks result in accurate assessments of instrument performance. In addition, the records for the instrument utilized for self survey indicated that the required operational check to be performed prior to each use was not always conducted. Records indicated that operational checks were performed approximately every one to two weeks.

---

OFC :	B801060206	871124	:	:	:
-----	REG4 LIC40		-----	-----	-----
NAME :	SUA-1471	PDR	:	:	:
-----			-----	-----	-----
DATE :87/11/24	:	:	:	:	:

---

The Homestake Mining Company is hereby requested to submit to this office, within 30 days of the date of this Notice of Deviation, a written statement or explanation in reply, including:

- (1) the reason for the deviation if admitted;
- (2) the corrective steps which have been taken and the results achieved;
- (3) the corrective steps which will be taken to avoid further deviation; and
- (4) the date when full compliance will be achieved.

Where good cause is shown, consideration will be given to extending the response time.

Dated at NRC, Region IV, Uranium Recovery Field Office this 24th day of November 1987.

151

---

Harry J. Pettengill, Chief  
 Licensing Branch 2  
 Uranium Recovery Field Office  
 Region IV

---

OFC :	:	:	:	:	:	:	:
NAME :	:	:	:	:	:	:	:
DATE : 87/11/24	:	:	:	:	:	:	:

---