

SNO-STR-91-079

SUDBURY NEUTRINO OBSERVATORY

MEMORANDUM

To: The SNO Collaboration
From: H.C. Evans
Date: 6/12/91
Subject: Requirements for Working Underground at Creighton Mine

The purpose of this memorandum is to inform the SNO collaboration of Inco's regulations for working underground in the Creighton Mine & to propose procedures to be followed to meet these regulations. The regulations specify worker training & requirements for materials safety information.

1. Training

In order that everyone working underground can work safely Inco require that workers be completely familiar with the underground environment. To meet this requirement SNO personnel will be required to take a three day training program at Inco's Frood-Stobie training school in Sudbury plus a one day orientation program at Creighton Mine. Anyone who has not taken the training & orientation program may only go underground as a visitor if accompanied by Inco personnel. SNO personnel working in the Surface Operations Building must take the Creighton orientation program. The training & orientation programs are good for one year after which a one day review & re-orientation session at Creighton Mine must be attended by each worker. SNO personnel who will be working underground for less than a week will not be required to take the three day training program but must do the one day Creighton orientation & must be accompanied by Inco personnel. Due to Inco's reduced work force the number of occasions on which Inco accompanying personnel are requested should be kept to a minimum. Inco's requirements for training are described in the attached letter from K.R. Langille to A.B. McDonald.

2. Material Safety

Everything taken underground must be reviewed & approved by the Inco Environmental Department. A description of equipment & components & material safety data sheets (MSDS) for materials must be provided to Inco for review.

3. Proposed Procedures

To simplify communications with Inco, requests for training & information on equipment & materials should be directed through one member of the SNO collaboration. Since the focus for underground work by SNO personnel for the next year will be the 4600L research station it was decided that arrangements for working underground be made through Doug Hallman. This will also allow him to monitor the requests & establish priorities for the limited facility available. To ensure there is adequate

time to schedule training, review material safety & plan use of the 4600L research station requests should be made as early as possible & a minimum of one month before the proposed date for the start of underground work. All requests should include the names of the personnel to be trained, equipment & material information & a description of the proposed project. Since the requirements for underground projects are likely to vary considerable they should be discussed with Doug in advance of the one month deadline.

File: SNO188.MEM



November 14, 1991

SNO Project Office
Queen's University
Dept. of Physics
Kingston, Ontario.
K7L 9N6

Attention: Dr. A. B. McDonald

Reference: SNO/Monenco Personnel - Underground Training

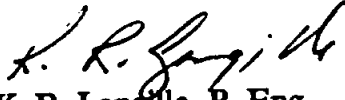
Dear Art:

The following procedures will apply to all SNO/Monenco and control personnel working on the SNO project

1. All SNO/Monenco personnel working on the project will be required to undergo a three day mining training program at our Frood-Stobie training school.
2. All personnel will be required to take the one day Creighton Mine orientation program.
3. SNO/Monenco or other personnel visiting the underground site who have not had the Inco training or orientation must be accompanied by Inco personnel only.
4. All Contractor and sub-contractor personnel will be required to undergo the same training program as the SNO/Monenco personnel.
5. SNO/Monenco personnel who will be working only in the Surface Operations Building will not be required to undergo the three day mining training, but will be required to take the Creighton orientation program.
6. Contractor and sub-contractor personnel required on the site for a period of time not exceeding one week will not be required to undergo the three day mining training program. However, they will be required to take the Creighton orientation. They must be accompanied underground at all times by Inco personnel.
7. The training programs and orientation are good for a one year period and then a one day review and re-orientation will be held at Creighton for each person.

4.
A record will be maintained by the SNO Mine Planner for all personnel undergoing these training and orientation programs.

Yours truly,


K. R. Langille, P. Eng.
Project Coordinator

KRL:kp

xc: R. Aelick
P. Pula
M. Sylvestre
R. Coulter
M. Singh ✓
P. Oliver
H. Watson - Monenco