

Non-PDR per Crocker 2/20/74



Telegram

0 ALA074(1051)(2-0 10 130E053)PD 02/22/74 1051

IGS IPHMTZZ GSP

61736954 10 TONT CONCORD MA 198 02-22 1051A EDT

PMS H W CROCKER, U.S. ATOMIC ENERGY COMMISSION, DIRECTOR OF REGULATORY OPERATION REGION 1

631 PARK AVE

KING OF PRUSSIA PA 19406

NUCLEAR METALS INC UNDER THE OBSERVATION OF AEC HAS COMPLETED THE REMOVAL OF A POSSIBLE RADIATION HAZARD AT ITS CONCORD PLANT THERE WAS THREAT TO THE HEALTH AND SAFETY OF THE GENERAL PUBLIC. REMOVAL OF THIS POSSIBLE HAZARD HAS NOT EXPOSED WORKERS TO RADIATION ABOVE THAT NORMALLY ASSOCIATED WITH THE HANDLING OF THIS MATERIAL THE SITUATION EVOLVED WHEN CHEMICAL ANALYSIS OF SAMPLE TAKEN FROM MACHINE SLUDGE INDICATED THAT ONE CONTAINER OF SLUDGE MAY HAVE HELD MORE ENRICHED URANIUM MATERIAL THAN AEC REGULATIONS PERMIT

Ind  
337 1150

WC

SF-1201 (R5-69)



Telegram

NUCLEAR METALS HAS BEEN INVOLVED IN THE CLEANUP AND ACCOUNTABILITY PROCESS WHICH FOLLOWED THE COMPLETION OF THE LAST OF ITS ENRICHED URANIUM MATERIAL PROGRAMS. DURING THIS PROCESS SOME MACHINE CUTTINGS AND COOLANT FLUID WERE INADVERTEDLY PLACED IN AN INPROPER CONTAINER. THIS MATERIAL HAD BEEN TAKEN FROM A POWER HACKSAW USED TO CUT ENRICHED URANIUM ALLOY MATERIAL. COGNIZANT NUCLEAR METAL EMPLOYEES ALONG WITH ITS CONSULTANTS WHO ARE RECOGNIZED IN THE NUCLEAR FIELD DEVELOPED A CONTROLLED PROCEDURE FOR THE ELIMINATION OF THIS POSSIBLE HAZARD. THIS PROCEDURE WAS SUBMITTED TO THE AEC FOR THEIR ANALYSIS AND RECOMMENDATIONS AFTER AEC RESPONSE WAS RECEIVED THIS PROCEDURE WAS SUCCESSFULLY CARRIED OUT. ALTHOUGH RIGOROUS SAFETY PRECAUTIONS WERE EFFECTED IT HAS NOT BEEN ESTABLISHED THAT A HAZARD DID ACTUALLY EXIST.

A179

SF-1201 (R5-69)

\*CORRECTION: THIRD LINE FIRST PARAGRAPH SHOULD BE NO HAZARD



**Telegram**

**GEORGE J MATTHEWS**  
**NNNO**