

# Holding Basin

## Briefing to Nuclear Regulatory Commission

December 17, 1991



**NUCLEAR METALS, INC.**

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1-800-368-7900*

# **HOLDING BASIN REMEDIATION PRESENTATION**

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## **Nuclear Metals, Inc. (NMI)**

**Frank J. Vumbaco** Manager, Health and Radiation Safety  
**George Shinopulos** Manager, Facilities Planning

## **GZA GeoEnvironmental, Inc. (GZA)**

**Sara H. Hanna** Senior Project Manager

## **Industrial Compliance Technologies, Inc. (ICT)**

**John Litz** Vice Priesident, Director of Technology

## **Wastren, Inc.**

**Ralph W. Grover** Manager, Commercial Programs

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## **HOLDING BASIN REMEDIATION PRESENTATION - Agenda**

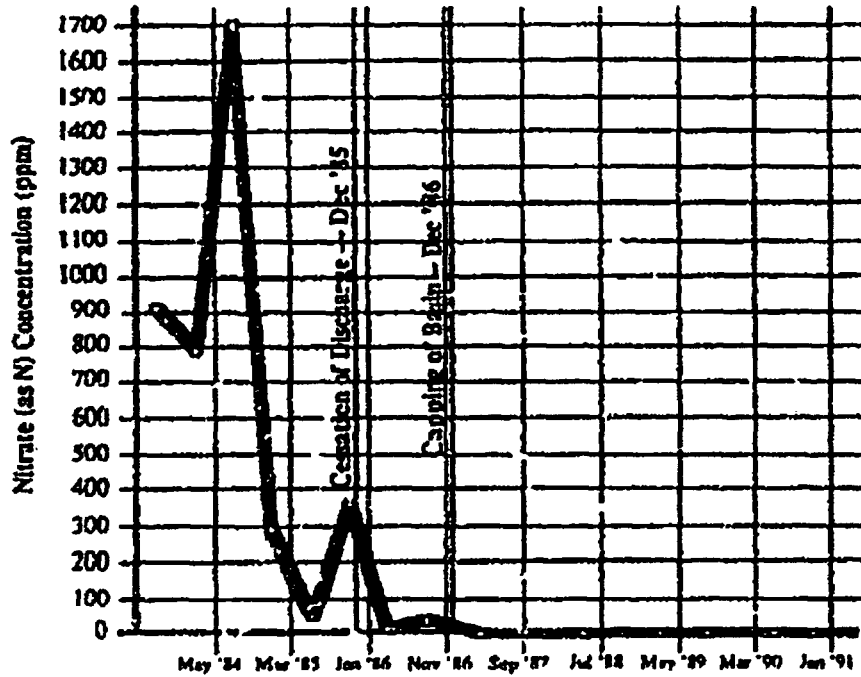
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- I. Introduction/Overview of meeting
- II. Current site conditions
- III. Massachusetts Contingency Plan (MCP); update on progress
- IV. Holding Basin resource recovery program; current status
- V. Holding Basin removal; technical discussion
- VI. Issues for resource recovery
- VII. General discussion and summary

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# Nitrate Concentration vs. Time

Well 11B-7



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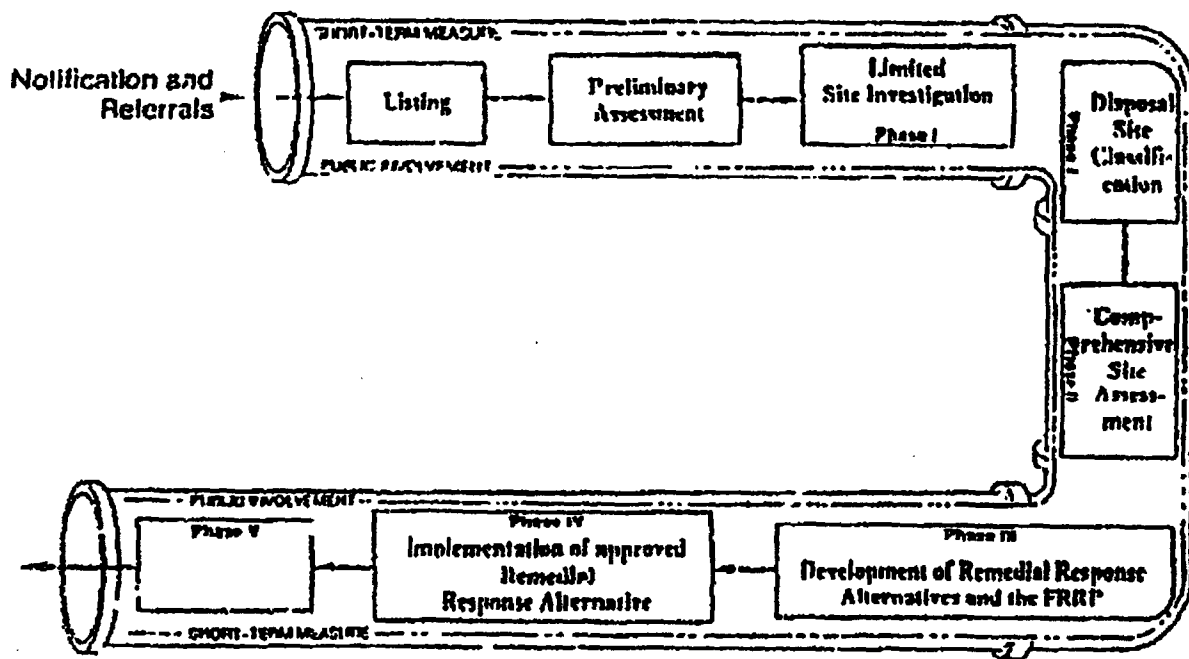
## MCP Program Description

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- A specific process and procedures for notification, assessment and response to releases of oil and hazardous materials
- Modeled after the Federal Superfund Program
- Established by Massachusetts law October 3, 1988
- Includes radioactive materials
- Utilizes a specific approach to risk characterization and evaluation
- Emphasizes permanent solutions

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# MCP Pipeline Illustration



12/17/91  
taken from MGL Chapter 21E

## MCP Public Involvement Participation (PIP) Plan

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- Intent is to keep public involved in remediation process
- PIP program document under development. Defines the roles of the owner, public and regulatory agencies
- Meetings are held with public on the Plan
- Public is afforded opportunity to provide comments at various phases of the remediation process
- Prior notification by site owner of any remedial activities

## **MCP Phase II Draft Scope of Work**

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- Submitted for Mass. Department of Environmental Protection (DEP) review in March 1990
- Meeting with DEP in June 1990 to discuss additional information requested by the state
- Modified draft submitted July 1991. Public invited to comment
- Comment period closed 10/10/91
- NMI awaiting DEP response to our draft and public comment
- Additional field work following DEP approval of work plans

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## **MCP Phase II; Additional Field Investigations**

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- Three more groundwater monitoring wells will be installed to fully characterize the site
- Surface water will be extensively sampled throughout the site to supplement existing program
- Soil samples will be collected from the new boring locations
- Sediment samples will be collected from wetland areas to better characterize impact from past operations
- Draft final Phase II report will be prepared following analysis of all data

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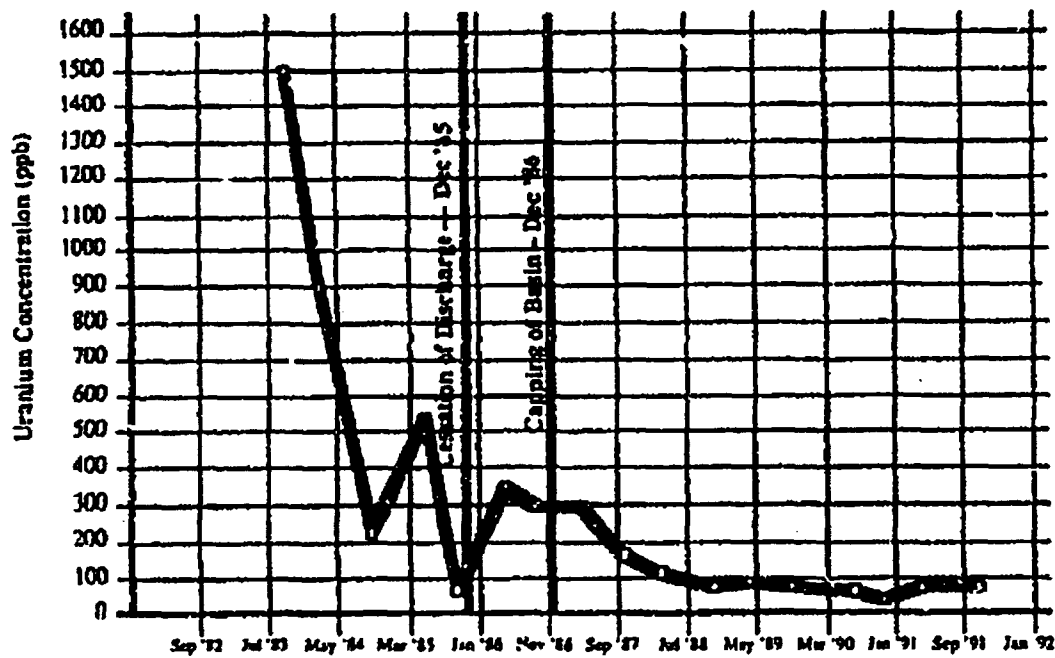
## PIP Program Update

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- PIP meeting held November 14th, 1990 to discuss program plan  
Region I represented
- Document repository has been established at the Concord Free  
Library
- Mail list of interested parties for document availability developed and  
approved by DEP
- Draft scope of work for MCP Phase II made available for public  
comment

# Uranium Concentration vs. Time

Well HB-7



# Nitrate Concentration vs. Time

