



BRUCE BABBITT
GOVERNOR

MG DONALD L. OWENS
DIRECTOR

STATE OF ARIZONA
Department Of Emergency And Military Affairs
5636 EAST McDOWELL ROAD
PHOENIX, ARIZONA 85008



DIVISION OF EMERGENCY SERVICES
RICHARD A. COLSON, DIRECTOR

MAY 31, 1984

F E M A - 4 3 R E P O R T

8412060342 841204
PDR ADOCK 05000528
F PDR

TABLE OF CONTENTS

INTRODUCTION

E. NOTIFICATION METHODS AND PROCEDURES

E.5 PUBLIC DISSEMINATION SYSTEM

E.6 ADMINISTRATIVE AND PHYSICAL MEANS OF NOTIFICATION

E.6.1 ADMINISTRATIVE MEANS OF NOTIFICATION

E.6.2 PHYSICAL MEANS OF NOTIFICATION

E.6.2.1 SIRENS

E.6.2.2 MOBILE SIREN VEHICLES

E.6.2.3 TONE ALERT RADIOS

E.6.2.4 SPECIAL ALERTING

F. EMERGENCY COMMUNICATIONS

N. EXERCISES AND DRILLS

N.1 ALERT AND NOTIFICATION SYSTEM EXERCISES

N.2 ALERT AND NOTIFICATION SYSTEM DRILLS

N.5 REVIEW OF COMMENTS ON EXERCISES AND DRILLS

ATTACHMENTS

- A. Emergency Broadcast Procedures to the Phoenix, Arizona EBS Operational Area
- B. Extracts, Warning Annex, State/County Plan; Maricopa County Sheriff's SOP; County Siren Procedure
- C. Extracts, County EOC Standing Operating Procedure
- D. EBS Message Formats
- E. Extract, Executive Summary, Evaluation Findings, Federal Emergency Management Agency, Region IX
- F. EBS Broadcast Coverage
- G. Extract, Palo Verde Siren Warning System Description and Procedure
- H. Extracts, Siren Testing and Routine Maintenance Procedures

- I. Tone Alert Distribution List
- J. Description of Tone Alert Monitor
- K. Extracts, State/County Plan, Communications Appendix, ADES Duty Officer's Handbook, Maricopa County Operations Procedures, County Alert Roster and the ARRA SOP for REAT Radio Communications
- L. Standing Procedures for the Operation of the Notification and Alert Net (NAN) and the Back-up NAN
- M. Prompt Notification Siren System Test Report

ENCLOSURES

- 1. Resident Population Public Information Materials
- 2. PVNGS Alert and Notification Technical Description
- 3. Field Testing of the Siren Prompt Notification System for PVNGS and APS Ambient Sound Level Measurement Study
- 4. PVNGS Area Meteorology and Climatology

INTRODUCTION

As required by 10CFR50 Appendix E.IV.D.3., Arizona Public Service Company (APS) established a prompt public notification system for use in the event of an emergency at the Palo Verde Nuclear Generating Station. The Prompt Notification Siren System (Siren System) was designed to meet Nuclear Regulatory Commission (NRC) and Federal Emergency Management Agency (FEMA) criteria given in NUREG-0654 and FEMA CPG-1-17.

The siren system technical specifications were submitted to FEMA for their review and comment and by letter dated December 14, 1983 FEMA has approved all aspects of the alert and notification system. One item remaining is the FEMA sponsored public survey called for by NUREG-0654.

The siren system was fully tested on September 10, 1983. The test was evaluated by FEMA and APS. The test report is included with this report.

In September 1983, FEMA issued "Standard Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants" (FEMA-43). This report addresses the additional guidance provided in FEMA-43 for the evaluation of alert and notification systems. Specific descriptions of compliance with the alert and notification planning standards and evaluation criteria are described or appended.

