



Arizona Public Service Company  
CCR Program  
Environmental Policy & Programs

PO Box 53999  
Mail Station 9303  
Phoenix, AZ 85072-3999

Telephone: 602-250-1000

December 17, 2024

**CCR Program Documentation  
CH\_EAPMeeting\_020\_20241217**

Subject: EAP – Documentation of Annual Exercise – Cholla

This document serves as Notification of an annual face-to-face meeting or exercise between representatives of APS and local emergency response agencies as required by 40 CFR 257.73(a)(3)(i)(E). The exercise was coordinated with and by the local emergency response agency with jurisdiction, and as described in the Emergency Action Plan.

Attendees:

Participants:

Brent Young (facilitated) Cholla Fire Chief, Incident Commander  
Dusty Wood, Cholla Plant Manager  
Pam Norris, Environmental Section Leader  
Cody Miller, Environmental Sr Scientist  
Catrina Jenkins (Navajo County LEPC)

# Emergency Action Plan for Cholla Power Plant Dams

Dec. 17, 2024



# Emergency Action Plan for Cholla Power Plant Dams

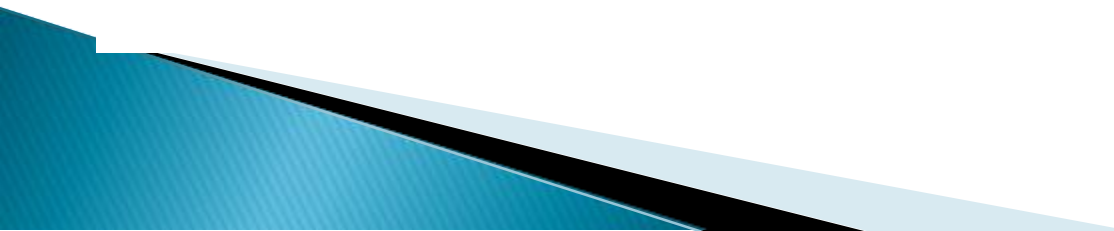
It has been raining none stop for the last  
14 days.

Both the fly ash pond and the bottom ash  
pond are at full capacity.

# Definition of a GREEN Alert

- Significant new or increased seepage or sand boils downstream from the embankment.
- Pond level is **RAPIDLY falling** without apparent cause.
- New, or slowly increasing seepage rates transporting some sediment and/or unusual discoloration (higher turbidity readings) of seepage.
- New cracks or cracks significantly increasing in length, width, or offset.
- Cracking is the beginning of a large slide.
- Large deformations or slides Potential for breach of impoundment.

# Green Alert

- Is usually **slow** evolving event.
  - Something unusual is happening.
  - There is the **potential** for impoundment breach.
  - Current conditions are not **serious** but could progress into a potential impoundment failure if it continues or intensifies.
- 

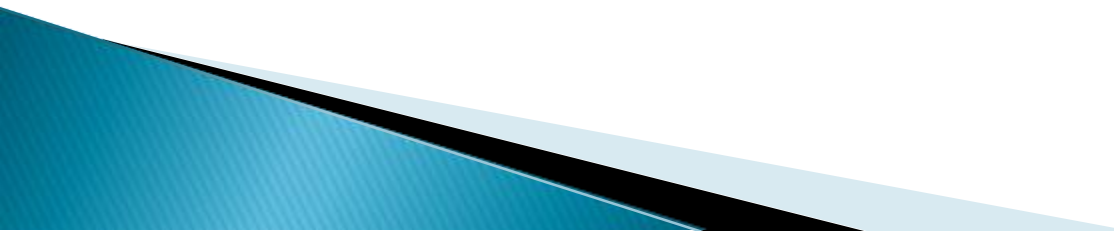
# Level Green Notification

GREEN ALERT CONTACT TELEPHONE NUMBERS APS RESPONSIBILITY FOR CALLING	
Switchyard	Pat Powers 480-326-4102
APS Management and Plant Personnel	7711
Arizona Department of Public Safety (DPS) - Emergency Operations Command (EOC)	602-223-2212
DPS - Highway Patrol - Holbrook (District 3)	928-773-3700
Navajo County Sherriff's Department Dispatch	928-524-4050
Burlington Northern Santa Fe. - Dispatcher	1-800-795-2673
Navajo County Department of Emergency Management and Preparedness - Catrina Jenkins, Kymberle O'Farrell	Catrina Jenkins 928-524-4163 Kymberle O'Farrell 928-241-0593
Arizona Department of Water Resources - Dam Safety Program	Waleed Aboshanp..... 602-771-8418 (office) 480-388-9560 (cell) Ravi Murthy..... 602-771-8656 (office) 602-692-5162 (cell)

# Definition of a YELLOW Alert

- **RAPIDLY** increasing seepage and or movement of large quantities of material.
- Sinkholes or settlement **RAPIDLY** increasing in size and number.
- Whirlpool or other signs of the pond draining **RAPIDLY**.
- **Cracks with flow through them.**
- Large deformations and breach of impoundment.

# Level Yellow Alert

- **Rapidly Developing Situation**
  - Conditions are serious (more than a GREEN condition).
  - Notify 24-hour operating staff. (**Unit #3 Control Room**)
  - The condition is becoming unstable.
  - Initiate Level YELLOW notifications
  - Populations at risk **SHOULD** be notified to stand by, prepare to leave, and await further instructions.
  - Evacuations in low-lying areas may be required.
- 



# Level Yellow Notification

YELLOW ALERT CONTACT TELEPHONE NUMBERS APS RESPONSIBILITY FOR CALLING	
Navajo County System Dispatch	9-1-1
Switchyard	Pat Powers 480-326-4102
APS Management and Plant personnel	7711
Hunt Families (Dennis and Boyce)	Dennis - 928-288-3274 Boyce - 928-288-3620
Arizona Department of Water Resources - Dam Safety Program	Waleed Aboshanp.....602-771-8418 (office) 480-388-9560 (cell) Ravi Murthy....602-771-8656 (office) 602-692-5162 (cell)
Arizona Department of Environmental Quality - APP	602-771-2330
Environmental Protection Agency - Region 9	415-947-4400
YELLOW ALERT CONTACT PHONE NUMBERS 9-1-1 SYSTEM DISPATCH RESPONSIBILITY FOR CALLING	
DPS - Highway Patrol - Holbrook (District 3)	928-773-3700
DPS - Emergency Operations Command (EOC)	602-223-2212
Navajo County Sherriff's Department Dispatch	928-524-4050
Burlington Northern Santa Fe (BNSF) - Dispatcher (Railroad)	1-800-795-2673
Navajo County Department of Emergency Management and Preparedness - Katrina Jenkins, Kymberle O'Farrell	Catrina Jenkins 928-524-4163 Kymberle O'Farrell 928-241-0593

# Definition of a Red Alert

## ➤ **FAILURE IS IMMINENT**

It has been determined that the (\_\_\_\_\_) WILL FAIL, IS OCCURRING, OR HAS OCCURRED; LIFE THREATENING FLOOD WATERS HAVE BEEN OR WILL BE RELEASED.

Life threatening releases will definitely affect populations at risk.

Immediate evacuation of population at risk is necessary.

Initiate Level RED notifications

# Red Level Notification

<b>RED ALERT CONTACT TELEPHONE NUMBERS                      APS RESPONSIBILITY FOR CALLING</b>	
Navajo County System Dispatch	928-524-4050
APS Switchyard	Pat Powers 480-326-4102
APS Management and Plant personnel	7711
Hunt Families (Dennis and Boyce)	Dennis - 928-288-3274 Boyce - 928-288-3620
Arizona Department of Water Resources - Dam Safety Program	Waleed Aboshanp.....602-771-8418 (office) 480-388-9560 (cell) Ravi Murthy....602-771-8656 (office) 602-692-5162 (cell)
Arizona Department of Environmental Quality - APP	602-771-2330
Environmental Protection Agency - Region 9	415-947-4400
<b>RED ALERT CONTACT PHONE NUMBERS                      9-1-1 SYSTEM DISPATCH RESPONSIBILITY FOR CALLING</b>	
DPS - Highway Patrol - Holbrook (District 3)	928-773-3700
DPS - Emergency Operations Command (EOC)	602-223-2212
Navajo County Sherriff's Department Dispatch	928-524-4050
Burlington Northern Santa Fe (BNSF) - Dispatcher (Railroad)	1-800-795-2673
Navajo County Department of Emergency Management and Preparedness - Catrina Jenkins, Kymberle O'Farrell	Catrina Jenkins 928-524-4163 Kymberle O'Farrell 928-241-0593

# Conclusion:

- What is the trigger point to transition to the next level?
  - Who are you going to call?
- 