



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION IV
1600 E LAMAR BLVD
ARLINGTON, TX 76011-4511

October 28, 2014

Ms. Lisa Hammond
Chief, Technological Hazards Branch
Region VI
Federal Emergency Management Agency
Department of Homeland Security
Federal Regional Center
800 N. Loop 288
Denton, TX 76201-3698

**SUBJECT: PRACTICES IN CONDUCTING POST-MAINTENANCE SIREN SYSTEM TESTS
IN THE VICINITY OF THE ARKANSAS NUCLEAR ONE SITE, UNITS 1 AND 2,
POPE COUNTY, ARKANSAS**

Dear Ms. Hammond:

This purpose of this letter is to inform you about post-maintenance alert and notification system testing practices identified by NRC inspectors during an on-site inspection at Arkansas Nuclear One, Units 1 and 2, conducted September 15 through September 19, 2014. The inspectors were reviewing alert and notification system performance indicator data submitted to the NRC by Arkansas Nuclear One for the period April 2013 through June 2014. The NRC inspectors determined that siren maintenance procedures, applicable to the Arkansas Nuclear One alert and notification system, required a growl test to demonstrate siren operability following routine or emergent maintenance. However, the inspectors noted several examples of silent tests being conducted to demonstrate siren operability following siren maintenance. The siren maintenance records indicated that growl tests were not performed because Pope County, Arkansas, only wanted sirens to make audible sounds on scheduled testing dates. The silent post-maintenance tests occurred when maintenance was not performed on a scheduled siren testing date. The failure to conduct growl tests as directed by the siren maintenance procedure may be a deviation from the approved alert and notification system design report for Arkansas Nuclear One.

Because the State of Arkansas has responsibility for the maintenance and testing of the Arkansas Nuclear One alert and notification system, the NRC is communicating this information to Federal Emergency Management Agency Region VI for your consideration and appropriate action.

L. Hammond

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Should you require additional information about this concern, please contact Mr. Paul Elkmann, Senior Emergency Preparedness Inspector, at 817-200-1539.

Sincerely,

/RA/

Mark S. Haire
Chief, Plant Support Branch 1
Division of Reactor Safety

Dockets: 50-313, 50-368
Licenses: DPR-51, NPF-6

Electronic Distribution for Arkansas Nuclear One

L. Hammond

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ADAMS ACCESSION NUMBER: **ML14303A268**

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OFFICE	SEPI:PSB1	C:DRP/E	C:DRS/PSB1		
NAME	PEIkmann/dch	RLantz	MHaire		
SIGNATURE	/RA/	/RA/	/RA/		
DATE	10/22/14	10/23/14	10/28/14		

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Letter to Lisa Hammond from Mark S. Haire, dated October 28, 2014

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POPE COUNTY, ARKANSAS

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