



UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 REGION IV  
 611 RYAN PLAZA DRIVE, SUITE 1000  
 ARLINGTON, TEXAS 76011

bcc to DAC:ADM:  
 CENTRAL FILES  
 PDR:HQ  
 LPDR  
~~TIC~~  
 NSIC  
 STATE

February 12, 1981

Docket Nos. 50-313  
 50-368

Arkansas Power and Light Company  
 ATTN: Mr. William Cavanaugh III  
 Vice President of Generation  
 and Construction  
 P. O. Box 551  
 Little Rock, Arkansas 72203



Gentlemen:

The enclosed IE Information Notice 81-03 provides information in the form of a checklist that should be of assistance to nuclear power plant operating staff personnel responsible for making notifications to NRC of significant events in accordance with 10 CFR 50.72.

Sincerely,

*Karl V. Seyfrit*  
 Karl V. Seyfrit  
 Director

Enclosures:

1. IE Information Notice No. 81-03
2. List of Recently Issued  
 IE Information Notices

cc: James P. O'Hanion, Plant Manager  
 Arkansas Nuclear One  
 P. O. Box 608  
 Russellville, Arkansas 72801

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
WASHINGTON, D. C. 20555

IE Information Notice No. 81-03  
February 12, 1981  
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CHECKLIST FOR LICENSEES MAKING NOTIFICATIONS  
OF SIGNIFICANT EVENTS IN ACCORDANCE WITH  
10 CFR 50.72

Description of Circumstances:

Significant events reported to the NRC Operations Center receive prompt evaluation by NRC technical staff. To assure that adequate information is obtained for evaluation, in an expedient manner, checklists have been developed for the various types of events and are currently in use by the duty officers manning the NRC Operations Center. In an effort to communicate to licensees the most useful types of information needed depending on the event, a combined checklist has been developed and is attached to this Information Notice. We recognize that this list is neither all inclusive, nor are all of its sections applicable to each event. Rather, it is an attempt to list certain key data elements that, based on past experience, appear to suffice for the vast majority of notifications. Having this type of information available at the time of notification, or shortly thereafter, will serve to expedite the notification and evaluation process and make it more efficient. It is not intended that licensees complete the checklist prior to, or as a condition of, making a notification. Instead, the list is intended to inform licensees of the types of information about events that have been useful to the NRC.

We solicit your cooperation in obtaining any other information that may aid NRC in understanding the event and request that you volunteer such information where appropriate.

Recommendation to Licensees:

This Information Notice is provided for general information to licensees. Recipients should review the information for applicability to their facilities. No specific action or response is requested at this time.

If you have any questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

Attachment:  
Checklist

(CHECKLIST) FOR NOTIFICATION OF SIGNIFICANT EVENTS  
MADE IN ACCORDANCE WITH 10 CFR 50.72

A. Identification:

Date \_\_\_\_\_ Time \_\_\_\_\_ Name of Person Making Report \_\_\_\_\_  
Licensee \_\_\_\_\_ Facility Affected \_\_\_\_\_  
Applicable Part of 10 CFR 50.72 \_\_\_\_\_

B. Description:

Date of Event \_\_\_\_\_ Time \_\_\_\_\_  
Description of What Happened \_\_\_\_\_

C. Consequences of Event: (Complete depending on type of event)

Injuries \_\_\_\_\_ Fatalities \_\_\_\_\_  
Contamination (personnel) \_\_\_\_\_ (property) \_\_\_\_\_  
Overexposures (known/possible) \_\_\_\_\_  
Safety Hazard (describe - actual/potential) \_\_\_\_\_

Offsite Radiation Levels \_\_\_\_\_

Integrated Dose \_\_\_\_\_ Location \_\_\_\_\_

Meteorology (wind speed) \_\_\_\_\_ From (direction) \_\_\_\_\_

Weather Conditions (rain, clear, overcast, temperature) \_\_\_\_\_

Equipment/Property Damage \_\_\_\_\_

D. Cause of Event: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E. Licensee Actions:

Taken \_\_\_\_\_

Planned \_\_\_\_\_

Emergency Plan Activated (Yes/No) \_\_\_\_\_ Classification of Emergency <sup>1/</sup> \_\_\_\_\_

Resident Inspector Notified (Yes/No) \_\_\_\_\_ State Notified (Yes/No) \_\_\_\_\_

Press Release Planned (Yes/No) \_\_\_\_\_ News Media Interest (Yes/No) \_\_\_\_\_

Local/National \_\_\_\_\_

F. Current Status: (Complete depending on type of event)

1. Reactor Systems Status \_\_\_\_\_

Power Level Before Event \_\_\_\_\_ After Event \_\_\_\_\_

Pressure \_\_\_\_\_ Temp. ( $t_{hot}$ ) \_\_\_\_\_ ( $t_{cold}$ ) \_\_\_\_\_

RCS Flow (Yes/No) \_\_\_\_\_ Pumps On (Yes/No) \_\_\_\_\_

Heat Sink: Condenser \_\_\_\_\_ Steam Atm. Dump \_\_\_\_\_

Other \_\_\_\_\_ Sample Taken (Yes/No) \_\_\_\_\_ Activity Level \_\_\_\_\_

ECCS Operating (Yes/No) \_\_\_\_\_ ECCS Operable (Yes/No) \_\_\_\_\_

ESF Actuation (Yes/No) \_\_\_\_\_

PZR or RX Level \_\_\_\_\_ Possible Fuel Damage (Yes/No) \_\_\_\_\_

S/G Levels \_\_\_\_\_ Feedwater Source/Flow \_\_\_\_\_

Containment Pressure \_\_\_\_\_ Safety Relief Valve Actuation (Yes/No) \_\_\_\_\_

Containment Water Level Indication \_\_\_\_\_

Equipment Failures \_\_\_\_\_

<sup>1/</sup> See Emergency Action Levels, Appendix 1, NUREG-0654, Revision 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.

Normal Offsite Power Available (Yes/No) \_\_\_\_\_

Major Busses/Loads Lost \_\_\_\_\_

Safeguards Busses Power Source \_\_\_\_\_

D/G Running (Yes/No) \_\_\_\_\_ Loaded (Yes/No) \_\_\_\_\_

2. Radioactivity Release

Liquid/Gas \_\_\_\_\_ Location/Source \_\_\_\_\_

Release Rate \_\_\_\_\_ Duration \_\_\_\_\_

Stopped (Yes/No) \_\_\_\_\_ Release Monitored (Yes/No) \_\_\_\_\_

Amount of Release \_\_\_\_\_ Tech Spec. Limits \_\_\_\_\_

Radiation Levels in Plant \_\_\_\_\_ Areas Evacuated \_\_\_\_\_

3. Security/Safeguards <sup>2/</sup>

Bomb Threat: Search Conducted (Yes/No) \_\_\_\_\_ Search Results \_\_\_\_\_

Site Evacuated (Yes/No) \_\_\_\_\_

Intrusion: Insider \_\_\_\_\_ Outsider \_\_\_\_\_

Point of Intrusion \_\_\_\_\_ Extent of Intrusion \_\_\_\_\_

Apparent Purpose \_\_\_\_\_

Strike/Demonstrations: Size of Group \_\_\_\_\_

Purpose \_\_\_\_\_

Sabotage: Radiological (Yes/No) \_\_\_\_\_ Arson (Yes/No) \_\_\_\_\_

Equipment/Property \_\_\_\_\_

Extortion: Source (phone, letter, etc.) \_\_\_\_\_

Location of Letter \_\_\_\_\_

Demands \_\_\_\_\_

General: Firearms involved (Yes/No) \_\_\_\_\_ Violence (Yes/No) \_\_\_\_\_

<sup>2/</sup> See 10 CFR 73.71(c). effective April 6, 1981.

Control of Facility Compromised or Threatened (Yes/No) \_\_\_\_\_

Stolen/Missing Material \_\_\_\_\_

Agencies Notified (FBI, State Police, Local Police, etc.) \_\_\_\_\_

Media Interest (present, anticipated) \_\_\_\_\_

LISTING OF RECENTLY ISSUED  
IE INFORMATION NOTICES

Information Notice No.	Subject	Date Issued	Issued To
80-41	Failure of Swing Check Valve in the Decay Heat Removal System at Davis-Besse Unit No. 1	11/10/80	All power reactor facilities with an Operating License (OL) or Construction Permit (CP)
80-42	Effect of Radiation on Hydraulic Snubber Fluid	11/24/80	All power reactor facilities with an Operating License (OL) or Construction Permit (CP)
80-43	Failures of the Continuous Water Level Monitor for the Scram Discharge Volume at Dresden Unit No. 2	12/5/80	All power reactor facilities with an Operating License (OL) or Construction Permit (CP)
80-44	Actuation of ECCS in the Recirculation Mode While in Hot Shutdown	12/16/80	All power reactor facilities with an Operating License (OL) or Construction Permit (CP)
80-45	Potential Failure of BWR Backup Manual Scram Capability	12/17/80	All pressurized water reactor facilities with an Operating License (OL) or Construction Permit (CP)
81-01	Possible Failures of General Electric Type HFA Relays	1/16/81	All power reactor facilities with an Operating License (OL) or Construction Permit (CP)
81-02	Transportation of Radiography Devices	1/23/81	All Radiography licensees

Enclosure