

SEP 11 1992

MEMORANDUM FOR: The Chairman
Commissioner Rogers
Commissioner Curtiss
Commissioner Remick
Commissioner de Planque

FROM: James M. Taylor
Executive Director for Operations

SUBJECT: EXPERIENCE FROM HURRICANE ANDREW'S IMPACT ON TURKEY POINT
UNITS 3 AND 4

Extensive damage has occurred at the Turkey Point Nuclear Plant site as a result of Hurricane Andrew. Although plant safety was adequately assured during and following the hurricane, we believe that valuable experience can be gained from developing and documenting its impact. This compilation is viewed as potentially beneficial to Turkey Point, other facilities that are subject to hurricanes, and the NRC. INPO has also concluded that this would be a worthwhile effort. Accordingly, I have requested AEOD to take the necessary actions to coordinate with INPO to establish a team composed of NRC and industry members to conduct this review.

The overall goal of the review is to describe the damage and compile the experience gained from the hurricane impact. The plans are to assemble a joint NRC/Industry team. This team would review the impact by visiting the site, but only after the utility and Region II agree that site conditions have improved sufficiently to accommodate the team. The onsite review will be conducted in a manner which is nonintrusive to the utility's recovery activities. Management oversight for the team will be provided jointly by Edward L. Jordan, Director, AEOD and John Groth, Vice President and Director, Analysis Division, INPO. Enclosed is the team charter, approved by me and Zack Pate of INPO. The Office of the General Counsel has no legal objection to this review. NRR and Region II concur in this effort. It is expected that the team report will be completed within about 45 days after the completion of their onsite efforts.

Original signed by
James M. Taylor
Executive Director for Operations

Enclosure:
Team Charter

cc w/encl:
SECY
OGC
ACRS

DOCT 28 P 1:39
PUBLIC DOCUMENT 1103

Distribution (w/encl)
See Next Page

*See previous page for concurrence via telephone conversation with T. Murley (9/2/92) and J. Scinto for W. Parler on 9/3/92
**See previous page for concurrence

DEIIB:DOA**	DOA:AEOD**	AEOD**	APB	NRR*	OGC*	RA:RII*
SRubin	RLSpessard	DRoss	ELJordan	TMurley	WCParler	SEbnetter
09/04/92	09/04/92	09/08/92	09/9/92	09/02/92	09/03/92	09/03/92

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NRC/INPO TEAM CHARTER FOR HURRICANE ANDREW'S
IMPACT ON TURKEY POINT UNITS 3 AND 4

The overall goal of the review is to describe the damage and compile the experience gained from the impact of Hurricane Andrew on Turkey Point Units 3 and 4 that may benefit Turkey Point and other reactor facilities subject to hurricanes. The emphasis of this review is to identify those areas, events or conditions which were problematic for the facility and staff, as well as those special preparations or actions which had a positive effect on the course and consequences of events relevant to plant safety. This review should cover the prior planning and preparations and initial actions taken by the utility up through the restoration of an external AC power source.

The team shall begin its onsite review at such time that the utility and Region II agree that site conditions have sufficiently improved to accommodate the team. The onsite review shall be conducted in a manner which is nonintrusive to the utility's recovery activities.

The scope of the review should include a qualitative determination and description of the effects on the safety-related structures, systems, and major components, including system (or structural) interactions. The review also should separately include a qualitative determination and description on the effects to the remainder of the plant and site; with an emphasis on plant equipment needed for power operations. Where possible (or feasible), the time and approximate wind speed at which damage/failure occurred should be determined. The related compensatory measures that were taken and their effectiveness should also be determined and described.

Within the overall goal and framework of this scope the team should compile the experience related to:

- Facility operating and human resource decisions as a result of advance weather predictions and existing procedures and plans.

- Emergency preparedness and emergency response as it relates to utility internal actions and interactions with local counterparts (State and local authorities); the onsite and offsite communications systems; and the security systems.

- The impact on safety equipment of nonsafety-related equipment damage.

- Problems with systems, such as the fire protection, and plant lighting, resulting from the hurricane and the respective compensatory measures taken.

- Human performance and needs related to shift manning and coping, including issues associated with food and potable water supplies and site access.



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The scope of this review does not include:

- Assessment of violations of NRC rules and requirements.

- Review of the design and licensing bases for the facility except as necessary to understand the significance of the experience.

- Assessment of offsite emergency response capabilities of State and local authorities.

Team membership, conditions of the review and report preparation shall be as follows:

- Management oversight of the team will be provided by the Director, Office for Analysis and Evaluation of Operational Data (AEOD), NRC and the Vice President and Director, Analysis Division, INPO.

- Team leadership will be joint with Co-leaders provided by NRC and INPO.

- Team membership will be approved jointly by the Director, AEOD, NRC and the Vice President and Director, Analysis Division, INPO.

- Team member expertise should include operational knowledge with related knowledge in structural, reactor/plant systems, electrical systems, emergency preparedness and response, human performance and telecommunications.

- The team size should not exceed 8 members.

- The review shall be confined to information collection and compilation of experience. Photographs of damage should be collected and used where possible.


- The duration of the onsite review is proposed to be about 1 week.

- The team shall prepare a single report, containing the combined NRC and Industry review results. Where appropriate, the report may be structured to provide for individual views, as they relate to the factual information to be contained in the report. The team report may include conclusions but shall not include recommendations. Final review and approval of the team report will be made jointly by the Director, AEOD and the Vice President and Director, Analysis Division, INPO.


NRC/INPO Team Charter for Hurricane Andrew's
Impact on Turkey Point Units 3 and 4
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The combined team report should be completed within about 45 days after the team departs from the site. The team report may be used/referenced by the utility. The team report will be published and made publicly available in the PDR.

Approved:


James M. Taylor
Executive Director for Operations
U.S. Nuclear Regulatory Commission

Approved:


Zack T. Pate
President
Institute of Nuclear Power Operations

Effective Date: September 10, 1992

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7/24/96

To: Jimmy Blanton
NUDOCS Project Officer
Information & Records Management Branch
Office of Information Resources Management

From: *fr* Jean Rathje *Lk*
Senior Records Management Specialist
Public Document Room
Office of the Secretary

Subject: DESIGNATED ORIGINALS - ADVANCE COPY DOCUMENTS
TO BE ADDED TO THE NUDOCs AND PDR DATABASES

Please accept these documents as the Designated Original and add them to the NUDOCs and BRS databases for search and retrieval by both the public (using BRS) and the staff (using NUDOCs).

The enclosed publicly available documents were sent to the Public Document Room, PDR, by various program offices, in an attempt to meet the public's demand for advance copy documents.

At the present time, PDR staff have begun to review the documents collection and found, in some cases, advance copy documents that have not been entered into the NUDOCs database. Without NUDOCs indexing, the system records are not retrievable via computer nor are they archived on the agency's 48X microfiche. In an effort to ensure continued access, PDR is sending you publicly available advance copies of what were once "hot" documents and now have research value. Thank you for your assistance, per our telecon of 11/15/94. Please notify the PDR staff if there are any problems with these documents.

The attached BRS printout lists each of the documents in this package.

Note: NUDOCs checked for CF code. If yes, ACN Numbers are marked on the document. *No Nudocs record*

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