

In Reply Refer
To: JYV2F035

August 12, 1981

Dear

This refers to your telephone conversation with Mr. C. E. Alderson of this office on July 29, 1981, in which you expressed concerns related to construction practices at Carolina Power and Light Company's Harris nuclear power plant site.

An enclosure to this letter documents your concerns as I understand them based on my conversation with Mr. C. E. Alderson. We have initiated an inquiry regarding this matter; therefore, if the enclosure does not completely and accurately reflect all of your concerns, please contact me as soon as possible at (404) 223-5507 so that we can assure that they are adequately addressed during our inquiry. If you should call and I happen not to be available, please ask to speak to another investigator or leave a message so that I can call you back.

Regarding your request for confidentiality, let me assure you that we will make every attempt to handle this matter in such a way as to maintain your anonymity. In this respect, I would like to point out that licensees sometimes correctly guess the identity of the individual providing information to us. In such cases our policy is to neither confirm nor deny the accuracy of their guess.

In closing, we appreciate your bringing your concerns to our attention. If you have additional questions, or if I can be of further assistance in this matter, please do not hesitate to contact me.

Sincerely,

8406010017 840403
PDR FOIA
VADENB3-413 PDR

James Y. Vorse
Regional Investigator

Enclosure: Statement of
Concerns-2F035

RII:EIS
JYVorse:cmc
8/ /81

RII:EIS
CEAlderson
8/1/81

ENCLOSURE

STATEMENT OF CONCERNS-2F035

1. Concern

A prohibited substance was used to repair cracks and fill construction joints inside the containment building.

Additional Details

According to the allegor a substance referred to as "concreasive" was used to repair cracks and construction joints to stop water in-leakage on the 211-elevation in the "core key" area of containment. It was alleged that the repair substance contained epoxy which was not supposed to be used below the 246-elevation because of possible radiation affects on the epoxy. According to the allegor, the Construction Foreman and the Concrete Foreman, were all aware of this, as were the finisher foreman and the concrete finishers who performed the work.

2. Concern

A letter was provided to the NRC which erroneously stated that no epoxy was used in containment below the 246-elevation.

3. Concern

Protective coatings were improperly applied and may not adhere properly.

Additional Details

According to the allegor, the repairs referred to in 1 above, did not completely stop the water in-leakage, but the "11-S" coatings were applied anyway. The allegor does not believe the coatings will cure properly because of the moisture present.

4. Concern

Areas in concrete where placement form tie rods had been cut off ("bug holes") were not properly repaired.

Additional Details

According to the allegor, "dry patch" which was used to repair holes in concrete in Zones 3 and 4 began to crumble. A CP&L inspector (J. Tis) allegedly stopped the work because of this; however, the deficient material was subsequently covered with grout and protective coatings were applied over the surface.

5. Concern

When problems are found, Field Change Requests (FCRs) are issued to avoid the original specifications.

Additional Details

No specific examples were given; however, the allegor stated that some of the FCRs are "taken care of onsite" rather than going back to the person or organization which approved the original specifications.

6. Concern

A cold joint exists on the 211-elevation in the "core key" area of the Unit 2 containment building.

Additional Details

According to the allegor, about 1½ years ago a concrete placement of approximately 3,000 yards was being made when a cold joint developed. Allegedly, [redacted] were overheard telling [redacted] to put concrete over the joint and blend it with a vibrator. The allegor stated that other witnesses included [redacted]

7. Concern

Non-seismically-qualified gate guides were used at the intake structure when seismically qualified gate guides were required.

Additional Details

The allegor believes that an FCR may have been issued on this change.

8. Concern

Concrete was poured even though preparations for the pour were known to be inadequate.

Additional Details

According to the allegor, an exterior wall in the fuel handling area was poured over a surface that had not been properly cleaned. Dirt had not been cleaned from an area of approximately 3 to 4 square feet. A concrete inspector was alleged to have been aware of this; however, the allegor could not provide the inspector's name.

9. Concern

Sheet metal welded to seismic plates is touching reinforcing bar which may lead to damage to the reinforcement due to cathodic action.

Additional Details

This condition allegedly exists on the 236-elevation in the northeast corner of the fuel handling building (FHB) in the wall between the FHB and the "common building".

10. Concern

Installed motors were improperly protected during sandblasting operations and now have sand inside them.

Additional Details

The allegor was unable to identify the motors, but said they are located in a series of small rooms on the 236-elevation in the "RAB" building.

11. Concern

Waterproofing on the below grade portion of the turbine building wall was damaged and improperly repaired.

Additional Details

According to the allegor, it became necessary to dig up part of the backfill next to the turbine building to install conduit, thus exposing the waterproofing. Water allegedly got behind the vinyl liner and holes were cut in the liner to drain off the water. The holes were then covered with mastic. The allegor stated that were aware of this and an FCR was written, but the FCR may have been destroyed.

MEMORANDUM TO CASE FILE

TYPE ACTION <input checked="" type="checkbox"/> RECORD OF CONVERSATION <input type="checkbox"/> CASE REVIEW / STATUS <input type="checkbox"/> OTHER	PARTICIPANTS	FILE NO.
	Vorse / ALLEGE	2F035
	CONFIDENTIALITY REQUESTED: YES NO	DATE 08-17-81
		TIME 1330

SUMMARY

The alleged called and left a message to please call him.

I called the alleged and he provided the following information in substance: regarding concern #1, he wished to explain that he was not aware that the epoxy was not to be used below the 246 elevation until he observed a letter from CL&L to the NRC explaining that no epoxy had been used below the 246 elevation.

Regarding concern #11, the alleged pointed out that [redacted] wanted to have the vinyl removed but was told by [redacted] that the holes should be cut. [redacted] retested and asked for it in writing. [redacted] wrote an FCR and the backfilling was done over the week-end. That Monday, [redacted] was asked to return the ^{ORIGINAL} FCR, but he kept copies for his files.

PAGE OF

PREPARED BY Vorse	DATE 08-17-81
----------------------	------------------

ACTION REQUIRED

REVIEWED BY	DATE
-------------	------