

December 12, 2000

MEMORANDUM TO: Paul E. Bird, Director  
Office of Human Resources  
**/RA/**

FROM: Michael L. Springer, Director  
Office of Administration

SUBJECT: ANNUAL NRC BUILDING SAFETY AND HEALTH SURVEY

The purpose of this memorandum is to provide the final update of our abatement plan to correct safety deficiencies at the One White Flint North building (OWFN) (Attachment 1) and the NRC Warehouse (Attachment 2), identified by Safety Management Associates (SMA).

All deficiencies at OWFN and the NRC Warehouse have been abated. The correction of these deficiencies represents the completion of all items identified by SMA.

If any additional information is needed, please contact Ken McDow, FACB, on 415-1712.

Attachments: As stated

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OWFN ABATEMENT PLAN

Item #12 - There was a low overhead pipe in the lower penthouse MR #1 that was marked, but no protective padding had been provided. The overhead hazard is approx. 5 ft. high, just above the normal line of sight.

Recommendation - Protective padding should be installed along the edges of these overhead obstructions.

Status - Completed.

Item #21 - There were several instances where access to circuit breaker panels or switchgear was blocked. One was in the lower penthouse mechanical room #1 central corridor where the ELR panel was blocked by the Motorola Montgomery County base station equipment.

Recommendation - Remove all equipment and storage from in front of circuit breaker panels and maintain at least 3 ft. of clearance.

Status - Completed.

## WAREHOUSE ABATEMENT PLAN

Item #1 - Although the exits are marked with illuminated exit signs, there are no directional indicators in aisle ways to direct occupants to the exits.

Recommendation - Install additional lighted exit directional signs in major aisle ways so that an exit indicator is visible from all occupied areas.

Status - Completed.

Item #4 - There was a damaged can leaking paint onto the floor of the main center aisle.

Recommendation - Clean the paint and thick paint residues from the floor and the metal shelves. Paints and other liquids should be segregated from other classes of storage and if flammable, kept in UL rated flammable liquid storage cabinets.

Status - Completed.

Item #7 - There were several un-sprinklered office/utility enclosures with ceilings (e.g., Gary's office).

Recommendation - Install sprinklers in all office, utility, and restroom enclosures where there is a roof or ceiling.

Status - Completed.

Item #9 - The exit indicator for the northwest exit was obscured by storage.

Recommendation - Remove the storage from in front of the exit directional indicator or change the location of this sign to make it more visible.

Status - Completed.

Item #11 - There are two areas in the west and northwest stairways where the sprinkler system has a heat tracer tape installed to prevent freezing. There is no heat in these areas and the operation of the heat tracer tape cannot be monitored or assured.

Recommendation - Measures should be taken to assure that the sprinkler system is properly protected from freezing. A special configuration is required with an antifreeze solution and valve arrangements in accordance with NFPA 13.

Status - Completed.

Item #13 - Large panes of plate glass were stored leaning against a wall near the northwest entrance. There was no storage rack or physical protection for the glass.

Recommendation - Provide a special rack suitable for the storage of large glass panels. Racks should secure the glass against falling or accidental breakage.

Status - Completed.

Item #15 - There were fire extinguishers located on the floor near the main office but none of the units was marked or mounted.

Recommendation - The location of all fire extinguishers should be marked with a sign or conspicuous paint scheme. Extinguishers must be mounted on a wall or rack in an accessible location.

Status - Completed.

Item #16 - Fire extinguishers throughout the warehouse did not have tags or current documentation of the monthly inspections.

Recommendation - Provide tags and document monthly inspections.

Status - Completed.

Item #17 - The directional exit indicator at the base of the stairs in the northwest exit corridor is not adequately illuminated.

Recommendation - Install a lighted directional exit indicator with an arrow pointing up the stairway to the designated exit. The indicator should either be self illuminated or be lighted by an external source with a surface level of at least 5 foot-candles.

Status - Completed.

Item #20 - Illumination levels in both the northwest and southwest exit corridors and stairways was less than 1 ft/c at the walking surface.

Recommendation - Improve the illumination levels by increasing the wattage of the existing lights or by providing additional fixtures.

Status - Completed.