

AUG 13 1984

Ms. Francine Z. Taylor  
157 Hamilton Road  
Lancaster, Pennsylvania 17603

Dear Ms. Taylor:

Your letter to Mr. Dircks of June 26, 1984 has been referred to me. Upon review, it appears that several of the issues you raise were addressed in Mr. Dircks' letter of May 10, 1984 in response to your previous letter dated March 6, 1984. Although we are not responding to your comments regarding the individuals mentioned in your letter, there are two areas where I can provide additional information.

You asked for an example of where the NRC fined a utility for exceeding allowable radioactive release limits. We have identified one such case. Duke Power Company was issued a \$3,000 civil penalty on March 30, 1977 for releasing radioactivity to the Keowee River. The radioactive release exceeded 10 CFR Part 20 values. This civil penalty was imposed by NRC Order on June 13, 1977.

You also asked what regulations address control of radioactive effluent releases from nuclear power plants. I refer you to 10 CFR §50.34a "Design objectives for equipment to control releases of radioactive material in effluents - nuclear power reactors", and 10 CFR Part 50, Appendix I "Numerical Guides For Design Objectives and Limiting Conditions For Operation To Meet The Criterion 'As Low As Is Reasonably Achievable' For Radioactive Material In Light-Water-Cooled Nuclear Power Reactor Effluents". The regulations, which as you noted, establish design objectives, provide operational flexibility under unusual operating conditions, compatible with consideration of public health and safety, which may temporarily result in releases higher than the guidelines, but still within levels that assure that the average population exposure is equivalent to small fractions of doses from natural background radiation.

I trust this letter adequately addresses your additional concerns.

Sincerely,

Original Signed by  
H. R. Denton

Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Distribution:

Courtesy Copy  
Central File w/incoming  
NRC PDR w/incoming  
Local PDR w/incoming  
EDO #14580  
H Denton/E Case  
ORB#4 Reading  
OELD  
W Dircks  
K Bowman (EDO#14580) w/incoming  
G Lainas/D Nottingham  
D Eisenhut  
J Van Vliet w/incoming  
R Ingram  
Roe  
Rehm  
Stello  
Murley  
DeYoung  
G Cunningham

\*\*See previous white for concurrences

|              |            |            |           |           |         |
|--------------|------------|------------|-----------|-----------|---------|
| ORB#4:DL**   | ORB#4:DL** | AD:OR:DL** | OELD**    | D:DL**    | D:NFR   |
| JVanVliet;ef | JFStolz    | GLainas    | JGoldberg | DEisenhut | HDenton |
| 07/25/84     | 07/25/84   | 07/27/84   | 07/26/84  | 07/30/84  | 08/6/84 |

Distribution:

Courtesy Copy  
Central File w/incoming  
NRC PDR w/incoming  
Local PDR w/incoming  
EDO #14580  
H Denton/E Case  
ORB#4 Reading  
OELD  
W Dircks  
K Bowman (EDO#14580) w/incoming  
G Lainas/D Nottingham  
D Eisenhut  
J Van Vliet w/incoming  
R Ingram  
Roe  
Rehm  
Stello  
Murley  
DeYoung  
G Cunningham

\*\*See previous white for concurrences

ORB#4:DL\*\*    ORB#4:DL\*\*    AD:OR:DL\*\*    OELD\*\*    D:DL\*\*    D:NRR  
JVanVliet;ef    JFStolz    GLainas    JGoldberg    DEisenhut    HDenton  
07/25/84    07/25/84    07/27/84    07/26/84    07/30/84    08/ /84

*Handwritten initials*

Distribution:

Courtesy Copy  
 Central File w/incoming  
 NRC PDR w/incoming  
 Local PDR w/incoming  
 EDO #14850  
 H Denton/E Case  
 ORB#4 Reading  
 OELD  
 W Dircks  
 K Bowman (EDO#14211) w/incoming  
 G Lainas/D Nottingham  
 D Eisenhut  
 J Van Vliet w/incoming  
 R Ingram  
 Roe  
 Rehm  
 Stello  
 Murley  
 DeYoung  
 G Cunningham

14580

7

145813124

ORB#4:DL  
 JVanVliet;ef  
 07/18/84

ORB#4:DL  
 JFStolz  
 07/18/84

AD:OR:DL  
 GLainas  
 07/18/84

OELD  
 J. Goldberg  
 08/26/84  
 7

*no legal  
 subject matter  
 changed*

*DM*

D:NRR  
 HDenton  
 08/ /84

|  |                |                                 |  |
|--|----------------|---------------------------------|--|
| FROM:<br><b>Francina Z. Taylor<br/>Lancaster, PA</b> | ACTION CONTROL | DATES                           | CONTROL NO.<br><b>14580</b>  |
|  | COMPL DEADLINE | <b>7/16/84</b>                  | DATE OF DOCUMENT<br><b>6/26/84</b>   |
| TO:<br><b>Dircks</b>                                 | INTERIM REPLY  | <b>8/7/84</b><br><b>3/11/84</b> | PREPARE FOR SIGNATURE<br>OF:<br><input type="checkbox"/> CHAIRMAN<br><input type="checkbox"/> EXECUTIVE DIRECTOR<br>OTHER <b>Dircks Denton</b> |
|  | FINAL REPLY    | <b>5/1/Denton</b>               |  |
|  | FILE LOCATION  | <b>8/13/84</b>                  |  |

DESCRIPTION  LETTER  MEMO  REPORT  OTHER

**Expressing concerns re THI**

SPECIAL INSTRUCTIONS OR REMARKS

**Ref: EDO-14211**

*DL Action*  
*Shelby*  
*7/11*  
*TMIPD*  
*Action*  
*7/5*

| ASSIGNED TO        | DATE           | INFORMATION ROUTING       |
|--------------------|----------------|---------------------------|
| <b>Denton, NRR</b> | <b>6/29/84</b> | <b>Dircks Case/Denton</b> |
| <b>Eisenhut</b>    | <b>7/3/84</b>  | <b>Roe 1. PPAS</b>        |
| <i>Singer</i>      | <i>7/1/84</i>  | <b>Rehn</b>               |
|                    |                | <b>Stella</b>             |
|                    |                | <b>Murley</b>             |
|                    |                | <b>DeYoung</b>            |
|                    |                | <b>GCunningham</b>        |