



**Department of Energy**  
 Albuquerque Operations  
 Los Alamos Area Office  
 Los Alamos, New Mexico 87544

DEC 9 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Myron Knudson, Director  
 Water Management Division, 6W  
 U.S. Environmental Protection Agency, Region VI  
 Allied Bank Tower at Fountain Place  
 1445 Ross Avenue  
 Dallas, Texas 75270

RECEIVED

DEC 11 1987

SURFACE WATER QUALITY BUREAU

Dear Mr. Knudson:

RE: NPDES Permit NM0028355 Modification

The information enclosed is intended to provide all supporting documentation for modifying the National Pollutant Discharge Elimination System (NPDES) Permit NM0028355. This information is provided in accordance with Paragraph G, ADDITIONAL OR DELETED OUTFALLS, Part III of the referenced permit, effective March 1, 1986.

The completed NPDES permit applications (Form 2-D) for the following sources and the respective proposed outfalls are enclosed.

TA-53 BLDG 19	OUTFALL 133
TA-16 BLDG 478	OUTFALL 134
TA-53 BLDG 18	OUTFALL 135
TA-46 BLDG 200	OUTFALL 136
TA-48 BLDG 46	OUTFALL 137
TA-03 BLDG 127	OUTFALL 138
TA-15 BLDG 184	OUTFALL 139
TA-03 BLDG 141	OUTFALL 140
TA-39 BLDG 69	OUTFALL 141
TA-21 BLDG 149	OUTFALL 142
TA-15 BLDG 306	OUTFALL 143
TA-53 BLDG 1	OUTFALL 144
TA-53 BLDG 6	OUTFALL 145
TA-53 BLDG 14	OUTFALL 146
TA-33 BLDG 86	OUTFALL 147
TA-46 LAGOONS	OUTFALL 12 S

To summarize, Outfalls 133, 134, 135, 137, 139, 140, 141, 142, 143, 146, and 147 are discharges of non-contact cooling water, Category 04A. Outfalls 136, 138, 144, and 145 are discharges of treated cooling water, Category 03A. Outfall 12S is a treated domestic wastewater discharge.



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Proposed Outfall 138 will be a combination of the existing effluent discharge from TA-03 Building 127, (4680 gpd of treated cooling water discharged through existing Outfall 022), and 24000 gpd of electroplating rinse water discharged from TA-03 Building 66. The combined outfalls will be reported under Outfall 022.

In addition to the requested new outfalls, the following permitted outfalls (existing) should be modified as follows.

Existing Outfall 10S should be modified to reflect increased flow (see attached NPDES form 2-D) by increasing the loading limitations in the permit.

Existing Outfall 08S should be eliminated since the influent to this sanitary wastewater treatment plant has been diverted to the treatment plant located at TA-35 (Outfall 10S).

Existing Outfall 11S should be eliminated since the influent to this sanitary wastewater treatment plant has been diverted to the treatment plant located at TA-9 (Outfall 02S).

Existing Outfall 100, which will discharge photo wastes from TA-40 Building 15, should be reactivated.

Existing Outfall 026, treated cooling water, will be combined with the discharge from existing Outfall 025, treated cooling water. The combined outfalls will be reported under Outfall 025.

Existing Outfall 040, Category 04A, and Outfall 041, Category 03A, have been combined and should be listed under Category 03A. The combined outfalls will be reported under Outfall 040.

Existing Outfall 064, Category 05A, has been combined with Outfall 078, Category 06A. The combined Outfalls will be reported under both permit categories.

Existing Outfall 103 is listed in the permit under Category 03A, treated cooling water. The effluent from this Outfall is non-contact cooling water, and therefore Outfall 103 should be deleted from the Category 03A listings and included in Category 04A, non-contact cooling water listings.

By copy of this letter and enclosures to New Mexico Environmental Improvement Division (EID), the New Mexico Water Quality Control Commission's required notification of intended effluent discharges (Section 1-201 and 3-106.B) is accomplished. Each Form 2-D application has an attached Notice of Intent form (provided by EID). These forms are included to satisfy EID administrative practice.

M. Knudson

3

Should you have any questions concerning these permit modifications, please call James Phoenix (FTS 843-5288) of my staff.

Sincerely,



Harold E. Valencia  
Area Manager

7953A

Enclosures

cc w/o enclosures:

Michael Burkhart, Director, NMEID, Santa Fe, NM

Kathleen Sisneros, NMEID, Santa Fe, NM

James Highland, USEPA, Region VI, Dallas, TX