



# PITTSBURGH TESTING LABORATORY

8005200300

ESTABLISHED 1881

850 POPLAR STREET, PITTSBURGH, PA. 15220

AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS, AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL.

PLEASE REPLY TO  
P. O. BOX 1646  
PITTSBURGH, PA. 15221

AREA CODE 412 TELEPHONE 922-4000

LABORATORY No. 800986

CLIENT'S No. P.O. 12210.50  
04994

ORDER No. PG-12606

## REPORT

~~March 20, 1980~~

### REPORT OF POTENTIAL ALKALI REACTIVITY ASTM-C227- FOR

GULF STATES UTILITIES COMPANY  
STONE AND WEBSTER ENGINEERING CORP., AGENT  
P. O. BOX 217  
ST. FRANCISVILLE, LA. 70775

PROJECT  
Material

: RIVERBEND  
: ~~No. 57-Coarse Aggregate~~

Cement

: ~~Northampton Type I-H.A.?~~

Na<sub>2</sub>O : 0.38

K<sub>2</sub>O : 0.77

Total Alkalies @ Na<sub>2</sub>O : 0.89

### Average Length Change Percent

14 Day : +0.01

1 Month : +0.01

2 Month : +0.02

3 Month : +0.02

4 Month : +0.02

~~5 Month~~ : ~~+0.02~~

6 Month : Due 4/19/80

Mixing water as percent Cement : 24.0

**RECEIVED**

MAR 11 1980

STONE & WEBSTER  
ENGINEERING CORPORATION  
12210/12250

# PITTSBURGH TESTING LABORATORY

ESTABLISHED 1881

850 POPLAR STREET, PITTSBURGH, PA. 15220

PLEASE REPLY TO  
P. O. BOX 1645  
PITTSBURGH, PA. 15220

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LABORATORY No. 800985

AREA CODE 412 TELEPHONE 922-4000

CLIENT'S No. P.O.12210.50  
04994

ORDER No. PG-12606

## REPORT

~~March 20, 1980~~

### REPORT OF POTENTIAL ALKALI REACTIVITY ASTM-C227

FOR

GULF STATES UTILITIES COMPANY  
STONE AND WEBSTER ENGINEERING CORP., AGENT  
P. O. BOX 217  
ST. FRANCISVILLE, LA. 70775

PROJECT  
Material

: RIVERBEND  
: ~~Fine Aggregate~~

Cement

: ~~North-Hampton Type I H.A.~~

Na<sub>2</sub>O : 0.38

K<sub>2</sub>O : 0.77

Total Alkalies @ Na<sub>2</sub>O : 0.89

Average Length Change Percent

14 Day +0.01

1 Month +0.02

2 Month +0.02

3 Month +0.02

4 Month +0.02

~~5 Month~~ ~~+0.03~~

6 Month Due 4/19/80

Mixing water as percent Cement : 19.3

**RECEIVED**

MAR 20 1980

STONE & WEBSTER  
ENGINEERING CORPORATION  
12210/12330