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RECEIVED

OCT 29 1990

DER-BAQM

October 24, 1990

Ms. Cindy Phillips
State of Florida
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399

RE: Orimulsion Test Burn

Dear Cindy;

Attached for your files are copies of revised graphs in connection with the Orimulsion Test Burn, reflecting the deletion of Slipstream 1-A of the Control Equipment Pilot.

Once again, thanks for your hard work and cooperation on this very important project.

Best regards,

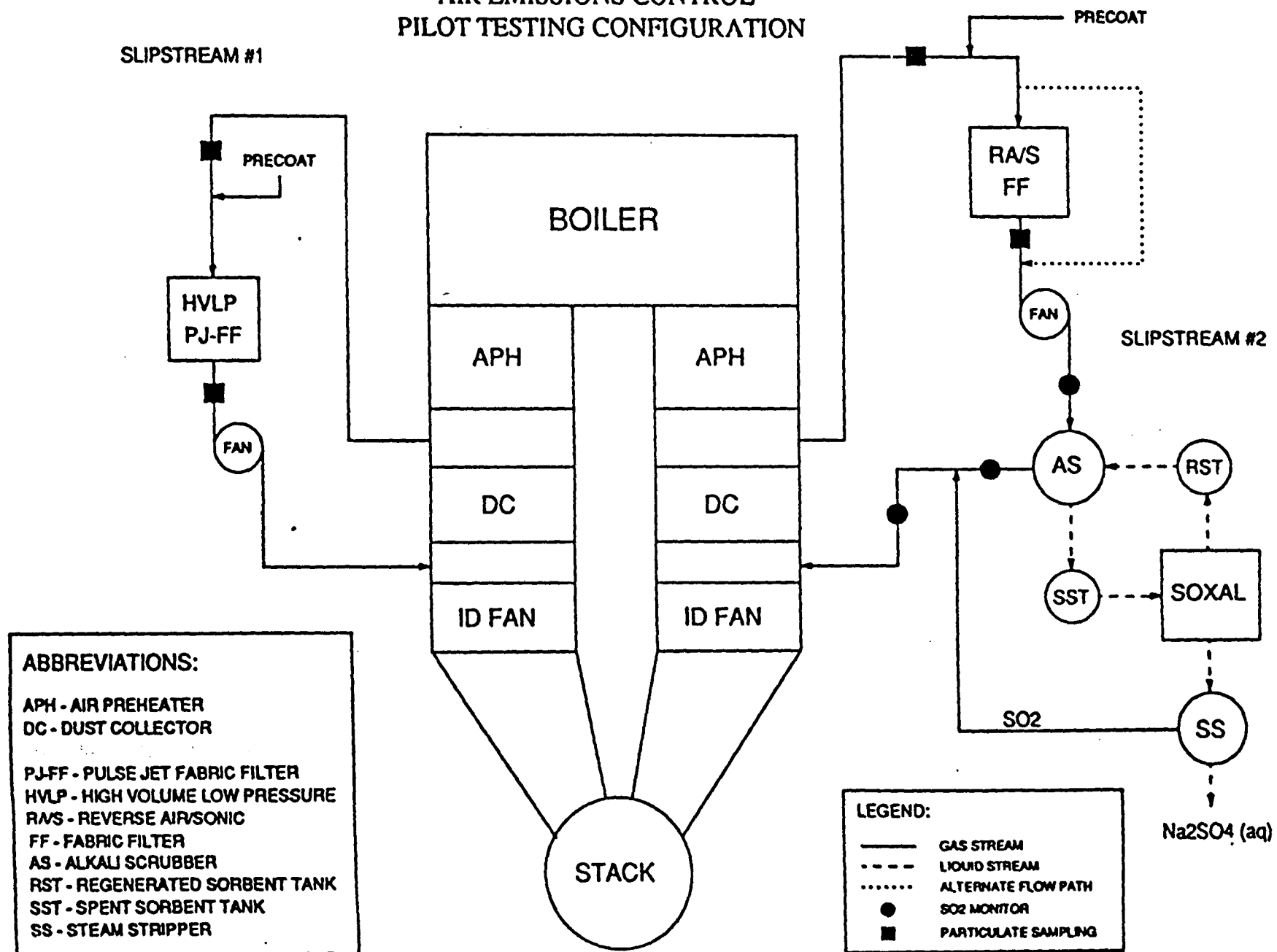
A handwritten signature in cursive script that reads "Elsa A. Bishop".

Elsa A. Bishop
Senior Environmental Regulation
Florida Power & Light Company

EAB:jm

Enclosure

ORIMULSION TEST BURN AIR EMISSIONS CONTROL PILOT TESTING CONFIGURATION



ORIMULSION TEST BURN PLANNED EMISSIONS ANALYSIS OF SLIP STREAMS

CONTEM#2
10/02/00

| SLIP STREAM | CONTROL EQUIPMENT | EMISSIONS ANALYSIS METHOD |
|-------------|---|---|
| 1 | PULSE JET FABRIC FILTER | ISOKINETIC PM SAMPLING 2 SAMPLE LOCATIONS: BEFORE & AFTER FABRIC FILTER. (PULSE JET WILL BE EVALUATED BOTH WITH AND WITHOUT SPRAY DRYER) |
| 2 | REVERSE AIR/SONIC AND SHAKE/DEFLATE FABRIC FILTER | ISOKINETIC PM SAMPLING 2 SAMPLE LOCATIONS: BEFORE AND AFTER FABRIC FILTER |
| 2 | ALKALI SCRUBBER | AUTOMATED INTERMITTENT SO ₂ ANALYZER 2 SAMPLE LOCATIONS: BEFORE & AFTER SCRUBBER |

* A Medium Volume (Medium Pressure Pulse Jet Fabric Filter) containing 10 foot long bags is provided with the Spray Dryer to collect FGD products and fly ash. A separate High Volume/Low Pressure Pulse Jet Fabric Filter containing 20 foot long bags will be evaluated for particulate control.

ORIMULSION TEST BURN ANTICIPATED SOLID AND LIQUID WASTES *

| WASTE SOURCE | WASTE TYPE | TEMPORARY STORAGE | FINAL DISPOSAL |
|---|---------------------------------|---|---------------------------------------|
| HIGH VOL/LOW PRESSURE PULSE JET FABRIC FILTER W/O LIME SPRAY DRYER IN OPERATION (SPRAY DRYER BY-PASSED) | FLY ASH | SILO NO. 2 &/OR PLASTIC LINED FABRIC BAGS | TO BE SOLD AS VANADIUM ORE |
| REVERSE AIR FABRIC FILTER | FLY ASH | SILO NO. 2 &/OR PLASTIC LINED FABRIC BAGS | TO BE SOLD AS VANADIUM ORE |
| SOXAL REGENERATION PLANT | SODIUM SULFATE AQUEOUS SOLUTION | HOLDING TANK | DEMINERALIZER WASTE STREAM (PROPOSED) |

* DOES NOT INCLUDE STACK PARTICULATE EMISSIONS.
SLIP STREAM EMISSIONS RETURNED TO UNIT NO. 4 STACK.