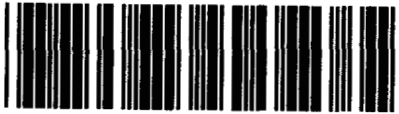




Control Number: 32182



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Texas Regulatory

AT&T Texas
1616 Guadalupe St.
Rm. 310
Austin, Texas 78701-1213

January 25, 2006

David Featherston
Public Utility Commission of Texas
1701 North Congress Avenue
Austin, TX 78711

***Re: Project No. 32182 – PUC Investigation of Methods to Improve Electric and
Telecom Infrastructure That will minimize Long term Outages and Restoration
Costs associated with Gulf Coast Hurricanes.***

Attached is an outline of the presentation made by AT&T Texas, formerly known as SBC
Texas, at the January 17, 2006 Workshop.

Please call me at (512) 870-2107 if you have any questions.

Sincerely,

Emily Steele
Area Manager – Regulatory Relations

Attachment

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SBC SOUTHWEST

2

HURRICANE RITA NETWORK RESTORATION PLAN

1

Preparation

- ☐ Emergency Operations Center (EOC)
Established per SBC's Emergency Plan
 - Local EOCs
 - Corporate EOC
- ☐ Tracking
- ☐ Planning
- ☐ Employee Guidelines delivered
- ☐ Central Office Facilities Sealed and Secured

Preparation

- ☐ Physical Assets moved (if necessary)
- ☐ Generators placed on Stand-by
- ☐ Additional Resources: Employees, Contractors, Material, Food, Water, etc. on Stand-by
- ☐ MAPs printed
- ☐ Re-entry plans reviewed
- ☐ Safety Guidelines Reviewed
- ☐ FEMA and County documentation Received
- ☐ Rita Restoration Taskforce Established locally in Beaumont

Damage Assessment

- ☐ Field Surveys / Assessment
 - Immediately after storm cleared
 - Wire Centers divided into Sections
 - Each Manager Assigned a given set of Sections
 - Physical Surveys performed
 - Information entered into Service Restoration Tracking Data Base (SRTDB)
- ☐ SRTDB Data is reviewed and sent to appropriate bucket (I/R, Eng., or Const.)
 - Construction: Field Surveys and Assigns Work to Appropriate Contractor
 - Engineering: Field Surveys and Designs Job
 - I/R: Field Surveys and conducts temp or permanent repair as prescribed

Damage Assessment

- Damaged Cable (2.6M feet)
 - 21.8% of the Cable in the Affected Area damaged
 - Feeder – 11 Cables
 - 7 Aerial
 - 4 Buried/Underground
- Damaged Poles = 700

Damage Assessment

☐ Central Offices:

- 44 in the Affected Area
- 43 On Back-up Power (Commercial Power restored by 10/13/05)
- 1 Office (Sabine Pass) Destroyed
 - ☐ Replacement Remote Terminal operational on 10/6/05

☐ Remote Terminals:

- 2114
- 633 Reported Alarms (All Commercial Power restored by 10/13/05)
- 4 Destroyed

Damage Assessment

- ☐ Mux Replacement
 - 6 Muxes had to be replaced
- ☐ Mux Power Rectifiers/Control Units
 - 30 Locations
- ☐ Battery Replacement
 - ☐ 125 Locations

Initial Response

- ☐ Establish Command Center
 - On-Site Network Control Center Established
Tuesday 9/27/05
 - ☐ Full-Time Resources
 - Procurement of Essential Goods/Services
 - ☐ Lodging
 - ☐ Food
 - ☐ Water
 - ☐ Supplies
 - ☐ Essential Services

Initial Response

- Identify Critical Service Outages
 - 911 Circuits, Wireless Providers, Hospitals, Retirement Homes, Doctor's Offices, Grocery Stores, Banks, etc.
 - Provide Temporary or Permanent Fixes
 - Proactively Test Feeder Cables and Muxes
 - Clarify Escalation Procedures

Initial Response

- Engineering
 - DA by DA Approach
 - Prioritize and Issue Jobs Within a DA Appropriately
 - 30 Loaned in Engineers
 - Where Entergy Has Placed Poles

Initial Response

□ Construction

- Tree Trimming
- Emergency Dispatch
 - Raising Cable
 - Setting Poles
- Working Data Base SRTDB IDs
- Pair Gain Generators
- Begin EWO Cable Placing

Initial Response

- Special Services
 - Wireless Service Restoration
 - Key Services Restoration
 - Proactive MUX testing

Initial Response

- ☐ Central Office
 - Back-up Power Maintenance
 - ☐ Engine Capacity
 - ☐ Engine Maintenance
 - Commercial Power Restoration
 - Support Field Forces

Initial Response

- Installation and Repair
 - Emergency Service Restoration
 - Customer Demand Work
 - Service Orders
 - Maintenance Tickets
 - Strategy dependent on damage area
 - Temporary and Permanent Restoration
 - Construction and Maintenance work

On-Going Efforts

- ☐ Engineering
 - Near Completion on Rita related Projects
 - DA's 100% surveyed
- ☐ Construction
 - Near completion on Rita related Projects
- ☐ Installation and Repair
 - BAU Service Order Intervals (1-2 Days)
 - BAU Maintenance levels
 - ☐ Intake
 - ☐ Receipt-to-Clear
- ☐ Special Services
 - BAU
- ☐ Central Offices
 - BAU