

FairPoint Communications, Inc.
State of New Hampshire
Docket No. DT 07-011

Respondent: Michael L. Harrington
Title: Vice President, Network
Engineering Services

REQUEST: Office of the Consumer Advocate
Follow-Up Data Requests Group II
DATED: June 11, 2207

ITEM: OCA FDR
II-1
Mr. Harrington indicated that he would provide an update to his network assets review in New Hampshire. He then provided a high level summary of his updates to assessments of the network assets in New Hampshire during the technical session.

- a. Please provide this update in written form.
- b. Please include any and all studies, memos, notes, presentations that Mr. Harrington or any persons working with or for Mr. Harrington, Cap Gemini, and FairPoint has prepared regarding FairPoint's assessment and review of network assets. Please consider this an ongoing request.
- c. Does the above referenced review and assessment include a review of the state of the network infrastructure (i.e. the ability of FairPoint to meet service quality standards)?

REPLY:

- a. A physical review of a sample of Maine, New Hampshire and Vermont central office facilities and buildings was conducted in mid-December 2006. New Hampshire central offices visited included Dover, Newmarket, Hanover and Concord. The physical review enabled FairPoint to visit facilities containing a mix of switching, transport, STP, broadband and power plant network element installations.

Initial observations included levels of physical security inclusive of key card and hard key access controls for both exterior and interior doors. FairPoint observed a couple of situations where Verizon personnel challenged the Verizon escort as to identity and reason for being in sensitive central office facilities.

Power plant observations included environmental conditions to determine relative ambient temperature of battery and rectifier rooms, cleanliness of power plant rooms, overall battery condition, and looking for warped battery plates, sediment, water level, and battery strap and lug corrosion. Rectifier load was checked to verify none were in excess of 80% of rated load. AC emergency generators were checked for relative cleanliness, and warm engine blocks to ensure heater plugs were operational.

HVAC systems were assessed via assessment of relative ambient temperatures in both open areas of equipment rooms, as well as deep in the aisles of equipment line-ups. All switching and broadband equipment room HVAC conditions appeared normal. Some transmission equipment rooms and aisles seemed warmer than expected, but fans were in operation to create cooling air movement, and there was evidence of new air conditioning ducting being installed as a permanent solution.

Equipment room scanning determined the presence of BITS Clocks (synchronization), and the 5ESS, CS2000 and STP switching rooms were very clean and "dark." The absence of human activity in these rooms directly led to lower preventative maintenance activity required for fans and filters and provided a quick indicator of equipment stability. All equipment doors and chassis covers were in place indicating no immediate physical work was being performed on those network elements. In short, nothing appeared to be out of place, and nothing pointed toward equipment being out of normal range.

A central office facility in Newmarket containing a Nortel DMS-10 was dirty as a result of recent "washing" near the entrance door. It appeared that technicians walking toward the door tracked dirt into the mainframe area and then into the switching area.

Collocation cage areas were very secure, and most were clean and orderly. The central office building conditions were considered to be in good shape. Mainframes were very neat and clean. There was no evidence of stray wire clippings that can otherwise be a problem. In fact, Verizon should be commended, as those observed in the three state area are among the neatest and cleanest I have observed.

Equipment labeling was extensive and consistent. This is a direct result of a good inventory system and processes surrounding the same.

The STPs were located in separate rooms behind locked doors indicating the presence of another layer of security for sensitive equipment. Also observed were DACs and special services test equipment shelves.

FairPoint expects that the assets to be received from Verizon are and will be in good operating condition.

- b. Please refer CFPNH2050-CFPNH2057 previously produced under seal and pursuant to RSA 378:43 and the Protective Agreement in this Docket.
- c. The above referenced review and assessment, in conjunction with the review of information present in the data room, constitutes an assessment of the ability of FairPoint to meet service quality standards.

Please also refer to FairPoint's first supplemental replies (confidential) to Data Requests Staff 2-8, Staff 2-9, and Staff 2-10.