

Dear Y2K Administrator:

South Slope Cooperative Telephone Company started addressing Y2K issues with our vendors in 1996. We recently completed the final issues regarding Y2K compliance and they are as follows:

South Slope's exchange switch, Northern Telecom DMS-100 Supernode with remote RSC switches, has been upgraded to comply with all Y2K as of January 30, 1998.

Our in-house computer, Digital Microvax 3100-96 system and software has also been upgraded to comply with all Y2K issues as of April 15, 1998.

These upgrades were installed and tested by South Slope technical staff, vendor support staff, and our engineering firm, Martin & Associates, from Mitchell, South Dakota. South Slope is confident all equipment will perform transparently, without causing logical or mathematical inconsistencies, processing errors, loss of functionality, performance, or other errors.

South Slope Cooperative Telephone Company is confident we have achieved Y2K compliance and is prepared to serve all members into the next millennium and beyond. If you have further questions, feel free to call South Slope Cooperative Telephone @ (319)-227-7111.

In Cooperation,

**Dan Swick
Service Representative
South Slope Cooperative Telephone Company
210 Tuttle St.
Norway, Ia. 52138
11-25-98**

Post-it [®] Fax Note	7671	Date	8/19	# of pages	24
To	Teri Lopez	From	B. France		
Co./Dept.	Nat'l Radio Astro	Co.	LAC Utilities		
Phone #	Observatory	Phone #	662-8002		
Fax #	505-835-7027	Fax #	662-8005		

**Department of Public Utilities
Incorporated County of Los Alamos
New Mexico**

**Y2K Report
Information on County Utility Systems
February, 1999**

Overview

Inventory assessment, evaluation and testing of Los Alamos County Utilities Department (LACUD) systems are under way. Suppliers have been contacted for their Y2K compliance certifications. The Utilities Department goal is to have all mission-critical systems in compliance by the third quarter of 1999. Non-critical systems should be complete by December 1, 1999.

Most utilities are part of a much wider system, comprised of other utilities, suppliers, service providers, and monitoring and regulatory groups. Los Alamos County can be impacted by external systems and thus can not guarantee that service will not be affected. However, every effort is being made to minimize any impacts on the Department's systems by seeking assurances from those entities that interact with LACUD. The Utilities Department is keeping informed on what the utility industry as a whole is doing and is participating in utility association discussions on solutions and recommendations to prevent disruptions caused by the Y2K issue.

LACUD is addressing Y2K issues specific to the following functional areas:

- Electric
- Gas
- Water
- Sewer/Wastewater Treatment
- Meter Reading/Billing

Electric Production and Distribution

Electric Production

There are three areas to be addressed by Electric Production:

- Los Alamos Power Pool Supervisory Control and Data Acquisition (SCADA)
- Hydroelectric Plants
- Energy Scheduling and Accounting

Electric System SCADA

Electric Production personnel have been checking, inventorying and evaluating the extent of Y2K problems since February, 1998. The SCADA master station software and hardware will be replaced with a Y2K certified system by the end of the third quarter of 1999. Individual remote terminal units (RTU's) will be individually certified, as required.

Hydroelectric Plants

Personnel are in contact with the vendors of the El Vado and Abiquiu plant turbine governors and programmable logic controllers to obtain Y2K compliance certifications. Replacement of critical systems that can not be certified will be made prior to the end of the third quarter. Steps will be taken to install the

appropriate temporary "patch" to insure the generating units work properly for the systems that can not be certified or replaced prior to December 1, 1999.

Traditionally, the hydroelectric plants are off line (or at minimum) during December and January, due to minimum water release schedules.

The Electric Production Division is taking steps to ensure the delivery of bulk power to Los Alamos County and LANL. The Public Service Company of New Mexico (PSNM) is the operating agent for the San Juan Generating Station and the operator of the backbone transmission grid serving New Mexico. PSNM has an extensive Y2K program in place to insure their critical systems are in compliance. Basin Electric, the operating agent for the Laramie River Station (LRS) and Western Area Power Administration (WAPA), are also taking steps to insure that the County's energy entitlements are available. Due to these interactions with external suppliers and transmission grids, LACUD is unable to guarantee that there will be no Y2K impacts in service.

Energy Scheduling and Accounting

Energy accounting is after-the-fact and a non-critical function. Energy scheduling is critical in conjunction with the electric SCADA and is performed with a Y2K-compliant PC.

Electric Distribution

All of the protective devices and sectionalizing switches, which are electronically controlled, have been checked and verified and are Y2K compliant. Although not mission critical, all electronic meters, mobile radios and portable test equipment have also been verified as Y2K compliant.

In addition, verifications have been received from the suppliers of electronically-controlled electric distribution equipment.

Gas/Water/Sewer

Efforts addressing the year 2000 situation for GWS Services (water production and distribution, gas distribution, and sewer and wastewater treatment) are as follows:

Gas

The gas distribution system has been examined, and there are no microprocessors in equipment that would be subject to any year 2000 problems. LACUD does, however, receive gas deliveries from major pipeline transmission companies that may experience Y2K problems with their systems. LACUD has been in contact with these suppliers and are informed they are on schedule to correct their systems' Y2K problems. Due to the Department's reliance on these third parties, LACUD is unable to guarantee that there will be no impacts on gas service.

Sewer/Wastewater

Lift stations in the collection system do not have any equipment in the control panels that are date sensitive. The wastewater treatment plants have PCs that could be affected, but otherwise no process equipment that is year 2000 sensitive. The controls equipment for the reuse pumping system may or may not have year 2000 sensitive equipment. LACUD is checking with the equipment suppliers to verify this, but since this system is inactive during the winter months, no Y2K problems are anticipated. In summary, LACUD does not anticipate any service impacts on wastewater collection and treatment systems due to Y2K problems.

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PUBLIC UTILITY DISTRICT NO. 1 OF OKANOGAN COUNTY

P.O. Box 187, Brewster, WA 98812

Tele: (509) 689-2502

Fax: (509) 689-3090

FAX

DATE: 8-19-99

TO: Terry Lopez

FROM: Don Clutter

Number of pages: 4

Subject: Y2K info

Terry, I hope that you find this information 'informative' enough. Feel free to contact BPA's Y2K team.



Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

Cap: ...
Don -
Derek -
Jack -
Don C -
Rob -
Garry -
D.C. HW -

EXECUTIVE OFFICE

June 15, 1999

In reply refer to: KC-7

Mr. Harlan Warner
Manager
Okanogan County PUD No. 1
P.O. Box 912
Okanogan, WA 98840-0912

Dear Mr. Warner:

Year 2000 (Y2K) has been very much in the news and on peoples' minds recently. You are probably receiving calls every day asking whether your utility is ready. Many of those callers may also want to know what Bonneville Power Administration (BPA) is doing. I want to make sure that you have the information you need to answer your questions and your customers' questions.

BPA is taking Y2K seriously. We recognize that you count on the safe and reliable operation of the BPA power system in order to reliably serve your customers. Based on our thorough and methodical Y2K preparations, we are highly confident that the BPA power system will continue to operate reliably and safely on January 1, 2000, and on other related Y2K dates.

On March 31, 1999, BPA finished Y2K testing, remediation, and retesting of its computer systems and embedded chips. At the same time, our generation partners, the U.S. Army Corps of Engineers and the Bureau of Reclamation, announced they were Y2K ready as well.

Getting our equipment and systems ready for Y2K was no small task. We've been working on it since 1995. But our work is not finished. We are now working with the utilities in the Western Systems Coordinating Council to prepare Y2K contingency plans for operation of the western transmission grid. We are continuing to monitor Y2K readiness as we acquire new computers and equipment or make modifications to existing ones.

We are also focusing on keeping you and the public informed. We have available a quarterly newsletter on our Y2K preparations and a bill stuffer we can make available for utilities who want to print and distribute it with their customer bills. BPA's Y2K experts are available to speak to your Boards, at community forums on Y2K, or other events where you want to hear from BPA about our Y2K preparations.

Here are the members of our Y2K team and their phone numbers:

- Brian Furumasa, Transmission Business Line, (360) 418-2506
- Deidre Meaney, Power Business Line, (503) 230-5194
- Larry Sims, Corporate Business Systems, (503) 230-7441
- Barry Hirsch, Community Relations/Press, (503) 230-5451
- Arlena Barnes, Legal, (503) 230-4267
- Joe O'Rourke, Chief Information Officer and Y2K Project Manager, (503) 230-3960

Please feel free to call these people with *any* questions and to relay any of the information in this letter to your customers. I want to make sure you and your customers know what you need to know about our Y2K readiness.

Sincerely,



Judith A. Johansen
Administrator and Chief Executive Officer

Enclosures:
April Edition of "BPA and Y2K"
Bill Stuffer - "BPA is Y2K Ready"

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PUBLIC UTILITY DISTRICT NO. 1 OF OKANOGAN COUNTY

To: National Radio Astronomy Observatory
Attention: Terry Lopez
Date: 8-19-99
Re: Y2K status

Okanogan County PUD is aware of possible year 2000 compliance issues and is actively evaluating equipment to identify potential problems. The District has established a Y2K committee that has and continues to evaluate and test electrical equipment, including our central computer system and standalone personal computers.

The committee's work is progressing well, and we're confident any identified problems can be corrected and in most cases tested for compliance by the second quarter of 1999.

Although we can make no warranties or certifications, we can assure you we have taken the Y2K issue seriously and will use our best efforts to address any areas of concern. Our electric system has evolved from a manually controlled system, and those features are still functional as a backup contingency.

If you have any specific questions regarding how we are addressing the year 2000 issue, please do not hesitate to contact us.

Sincerely,
Don Clutter
Area Manager- Brewster

A handwritten signature in black ink that reads 'Don Clutter'. The signature is written in a cursive style with a large initial 'D'.

FAX COVER SHEET

WaveComm
 One Main Street
 West Lebanon, NH 03784
 (603) 298-9000 (800) WAVECOMM
 FAX 298-7000

SEND TO Company name	From Jim JACOBSON
Attention TERRY LOPEZ	Date 8-13-99
Office location	Office location
Fax number 505 835 7027	Phone number

- Urgent
 Reply ASAP
 Please comment
 Please review
 For your information

Total pages, including cover: _____

COMMENTS

[Area for handwritten or typed comments, currently blank]

WAVECOMM

One Main Street West Lebanon, NH 03784

Phone (603) 298-9000 Fax (603) 298-7209

Voice Mail Paging 2-way Radio

WaveComm: Year 2000 Readiness Disclosure

In response to recent requests for information regarding WaveComm's Year 2000 preparation efforts, we appreciate the opportunity to share with you the probative measures WaveComm is taking in an effort to ensure that its customers and business partners receive the high-quality service they have come to expect through the transition into the next millennium.

We've been very busy making sure WaveComm is ready for the year 2000. The Year 2000 problem (also known as Y2K problem) refers to the potential for errors in computer hardware and software systems that use date codes with only two digits to represent the year. While the Year 2000 problem has the potential to cause many problems in many industries, WaveComm has taken a number of important steps in an attempt to address the potential problems.

At all levels of our organization, WaveComm places a high priority on Year 2000 readiness. Our efforts consist of five general phases: (i) Awareness; (ii) Assessment; (iii) Renovation; (iv) Validation; and (v) Implementation. While awareness activities are ongoing, the Awareness Phase, which consisted of developing an overall strategy and a readiness infrastructure, is largely completed. Some functions, such as progress reporting and knowledge sharing, are continuous.

The Assessment Phase includes the identification of core business areas and processes, and analysis of the systems supporting those core areas. Such areas include the network infrastructure for providing paging services, billing, finance, and procurement computer systems, and operational information technology. In addition to reviewing its own systems, WaveComm is reviewing the Year 2000-related efforts of its key suppliers.

The Assessment Phase was completed in the first quarter of 1999, the Renovation Phase is already moving forward as assessments generate results. Certain critical systems have already been identified and are in the process of renovation, consisting of conversion or replacement of various hardware and software applications. WaveComm's new billing system, which WaveComm began to roll out in February 1999, already addresses Year 2000-related issues. Conversion of computer code and data in older or "legacy" billing and customer care systems is underway. We anticipate substantially completing the Renovation Phase in the second quarter of 1999.

The Validation Phase involves extensive testing of the existing, replaced, and renovated systems, and is expected to take place in the third quarter of 1999. WaveComm is planning on validation testing of hardware and software systems, including a controlled environment test that replicates the current environment and simulates the turn of the century without placing the operation network at risk.

planning on validation testing of hardware and software systems, including a controlled environment test that replicates the current environment and simulates the turn of the century without placing the operation network at risk.

One difficulty many companies, including wireless service providers, will experience with validation is that they are dependent on many third parties. These third parties include vendors and suppliers, but also the many wireless and landline carriers that WaveComm's network interconnects with. WaveComm cannot make representations for these third parties, but we are making every effort to monitor the year 2000 preparedness of third parties whose performance may impact our customers

The final step is the Implementation Phase. Implementing the validated and, where necessary, renovated systems will take WaveComm into the new century as smoothly as possible. While many things can change over time, at this time we anticipate a timely and effective implementation in 1999. Nonetheless, to assure that we have the best possible chance of providing uninterrupted, high-quality service through the turn of the century, we will also be working on contingency plans throughout 1999, particularly for minimizing the potential impact of third parties who may not adequately address Year 2000-related issues.

We realize this is a large and complicated task. Based on WaveComm's current planning and schedule for completion of Year 2000 preparation tasks, we believe our planning should have our critical systems adequately address Year 2000-related issues. WaveComm has already devoted substantial financial and personnel resources to Year 2000-related activities. We will continue to work hard to monitor our preparedness and the preparedness of third parties we rely on, and to remain vigilant to possible risks to our ability to provide quality service. We will continue to work and share information with the many resources available to.

We will also continue to keep you informed of our progress. In the third quarter of 1999, we will be devoting space on our Web site to reporting on our Year 2000 preparedness. Watch for further information.

Hopefully this provides the information you need. If you have further questions, please contact us by phone or at the above address.

This information is provided in accordance with the protections afforded by the Year 2000 Information and Readiness Disclosure Act. This Year 2000 Readiness Disclosure is for information purposes only and does not create any warranties or modify or create any contractual or other legal obligations on behalf of WaveComm.

Find out more information on phone models and Year 2000 compliance by reading information on the Web sites of these wireless equipment manufacturers:

- Motorola
- Zetron
- NEC

As of the date of this report, the Company has materially completed the inventory and prioritization of items and is in communication with the majority of its suppliers and vendors. Suppliers and vendors representing "mission-critical" systems used by the Company have indicated either Year 2000 compatibility, or the current availability of Year 2000 compliant upgrades, some of which are currently in progress. The Company expects that critical hardware and software systems that are within its ability to test will be Year 2000 ready by mid 1999. Although the Company's contingency plans are not fully developed, the Company expects to develop contingency plans to mitigate, to the extent possible, the effects of any significant Year 2000 problem that is not corrected.

Contact believes its Year 2000 readiness efforts will significantly reduce the level of uncertainty about the Company's Year 2000 readiness. Throughout the remainder of 1999, the Company will continue to assess its Year 2000 readiness. However, due to the general uncertainty inherent in the Year 2000 problem, resulting in part from the uncertainty of the Year 2000 readiness of third party suppliers and vendors, the Company cannot currently determine conclusively that all Year 2000 problems material to its operations will be corrected. A failure to correct a material Year 2000 problem could result in the interruption or failure of certain normal business operations, such as the Company's paging and messaging services, customer activation services, or customer invoicing and collections.

This letter does not constitute a guarantee or an amendment to any contract that you may have with Contact Paging, or Contact Wireless. Rather, we intend that the statements in this Disclosure will assist you in planning for the Year 2000, and are provided subject to the "safe harbor" provisions of the *Year 2000 Information and Readiness Disclosure Act*. As the year 2000 approaches, we will keep you informed of our progress. For further information, contact Scott Forsythe, Y2K Coordinator, at 303-768-9678, or e-mail: scott@contact-paging.com.

Contact Wireless

Phone:
FAX: 303-799-4001
email: scott@contact-paging.com

April 16, 1999

YEAR 2000 READINESS DISCLOSURE

Contact Paging, also known as Contact Wireless, recognizes the business and systems challenges presented by the upcoming millennium and has designated a Year 2000 Project Team to address potential Year 2000 problems and to formulate and implement solutions where necessary. In keeping with the requirements of the *Year 2000 Information and Readiness Disclosure Act* recently passed by Congress, Contact is pleased to provide this Year 2000 Readiness Disclosure updating our efforts to ensure that all the Company's systems are Year 2000 compliant.

Many of our systems are affected by the year 2000 issue, which refers to the inability of computerized systems and embedded technology to process dates or operate beyond December 31, 1999. This could result in system malfunctions or failures causing disruptions in operations. Contact's Year 2000 Project Team has been proactively addressing the problem since early 1998. The Company's approach is to:

- Create a complete inventory of items that must be assessed;
- Prioritize those systems that are critical to the mission of the Company;
- Assess all systems for Year 2000 readiness;
- Plan and implement corrective actions;
- Test the modifications and the interface between systems;
- Develop contingency plans.

The Company uses hardware, software and services supplied by third party vendors in most of its operations and has contacted each supplier and vendor to obtain information about the Year 2000 readiness of its products and services. The Company will work cooperatively with those suppliers and vendors whose products are not Year 2000 ready to resolve the problems.

Some third party products can be tested by the Company for Year 2000 readiness and will be included in the assessment described above. Other third party products and services cannot be independently tested by the Company, some of which are critical to the operations of the Company, such as satellite and other third party telecommunications services and electric utility services. The Company can make no representation that all third party products and services will be Year 2000 ready.



To: Surré Lopez

Fr: Uniffu

Re: 1/2K readiness

Fax: 505-835-7027

ARCH PAGING

"A MORE PERSONAL PAGING COMPANY"

DATE 8/19/99

PAGES 2

TO Terry Lopez

RE 505-835-7027

FROM Susan

COMMENTS If we can help any further please
let us know!
Thank you!

ARCH PAGING
 4357 CZECH LANE NE
 CEDAR RAPIDS, IA 52402
 (319) 393-1300
 (800) 204-5069
 (319) 393-3414 FAX

Arch Paging

January 7, 1998

Dear Valued Customer:

This is to inform you that Arch Communications is diligently working on evaluating how the Year 2000 problem will affect its' services and business partners that utilize computers to run their operations.

Year 2000 compliance can be described as:

A Year 2000 compliance product, service, system or piece of equipment does record, store, process, calculate, sort, compare, transfer, and present any dates or date-related activities in the same level of functionality as would otherwise be provided in the absence of a Millennium date (January 1, 2000) or leap year occurrence.

We are in the process of sending out a survey/letter to our vendors to assure that they too are working on this issue. It is crucial that their products or services be Year 2000 compliant.

Our primary suppliers of pagers are NEC, Uniden, Panasonic, and Motorola. They are all Year 2000 compliant. The primary suppliers of our paging systems are Motorola and Gemayte. They both are Year 2000 compliant.

We are, however, diligently focusing on our Billing Systems. Some of our systems are not Year 2000 compliant. Our solution is the implementation of a new Telecommunications Management System that will meet Arch's business needs for the next decade, as well as, help us become Year 2000 compliant.

Please feel free to contact Jeff Boehner, our IS Project Manager, at 515-550-2575 if you have any further concerns or questions.

Sincerely,



Doug James
General Manager

FHX NO. 5058357027

P. 02

TeleBEEPER
of New Mexico

4604 MCLEOD N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 883-4333 FAX (505) 883-6043

To: National Radio Astronomy Observatory
Terry Lopez

FR: TeleBEEPER of New Mexico
Liz Davila / Office Manager

Date: August 18, 1999

Re: Interim Y2K Statement

TeleBEEPER of New Mexico is in the process of evaluating its Y2K readiness Status.

Evaluation should be complete by October 1, 1999.

Per your request, we are issuing an interim Y2K statement.

All Company Internal Mission Critical Systems are in complete compliance. This includes all Billing Systems, Fixed Terminal Equipment, and Fixed Network equipment.

External Vendors are not in full compliance and expect Full Compliance no later than November 1999. (i.e.) Public Service Company, US West, AT&T, MCI Worldcom, and GE Spacenet.

Please note this is an interim Compliance Statement only.

An official full compliance statement will be issued no Later than November 1, 1999.

Thank you,



Liz Davila
Office Manager

*as per conversation
with Liz - NRAO
is on the mailing list*