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REGULATORY OPERATIONS

March 31, 2005

Ms. Daisy Crockron
Docketing Division
Public Utilities Commission of Ohio
180 East Broad Street
Columbus, Ohio 43215

Docket No. 05-1000-EL-UNC

Dear Ms. Crockron:

Enclosed please find an original and 15 copies of the Annual Report of The Dayton Power and Light Company which was fax filed on March 31, 2005 in the above captioned docket. This report is being filed pursuant to 4901:1-10-26, Ohio Administrative Code.

Please call me if you have any questions at (937) 259-7236.

Sincerely,

Alissa

Alissa Stephens
Regulatory Operations

**2004 Annual Report**
**The Dayton Power & Light Company**

Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-26, the Dayton Power & Light Company submits the following Annual Report for the reporting period ending December 31, 2004.

**Section I**
**(B1)**

**(B)(1)(a) Description of Service Territory**

The Dayton Power & Light Company serves over 505,000 residential, commercial, industrial and governmental customers in a 6,000 square-mile area of West Central Ohio. The service territory spans 24 counties including the Dayton metropolitan area and the surrounding outlying counties. In geographic terms, the majority of the service area is rural.

DP&L's transmission and distribution system includes 144 substations. The company operates over 470 distribution circuits including approximately 10,950 miles of overhead conductor and 3,250 miles of underground cable. DP&L's transmission system includes 106 circuits operated at 69 kV totaling 967 miles and 37 circuits operated at 138 kV totaling 377 miles. DP&L also operates 434 miles of wholly or jointly owned 345 kV transmission lines.

**(B)(1)(b,c) Plan for Future Investment and Safety, Reliability and Service Quality Improvements**

The Dayton Power & Light Company's primary planning objective is to provide safe and reliable service to its customers. This is accomplished through a planning process that includes an ongoing analysis of each component and its response to current and projected peak loads. Plans are developed and continually refined based on changing customer needs and the dynamic nature of the distribution system. In addition to capital investments, ongoing maintenance and inspection programs are in place to ensure safety and reliability. A detailed listing of these programs can be found in section (B)(3)(f).

The level of capital investment required may vary considerably from one year to the next depending on the number and scope of projects needed to ensure consistently good reliability at the system and circuit level. Due to the nature of the planning process, detailed project listings are generally most comprehensive for the near future. Differences in total expenditures between the current plan year and subsequent years reflect the decreasing level of detail as the planning horizon increases and are not meant to indicate a reduction in the actual level of investment. Upcoming major Transmission (T) and Distribution (D) investments include the following:

| a. | b. | c. | d. | e. | f. | g. | h. | i. |
|---|---|---|---|---|---|---|---|---|
| Project/Program | T/D | Description and Goals | Portion of service territory affected | Characteristics of territory affected | Estimated cost | Date of initiation | Expected completion date | Changes to previous year's plan or project |
| Cable Replacement Program | D | Replace or inject old bare neutral primary cable | Various | Various | Approx. $1.5 M/year | Ongoing | Ongoing | No change |
| Overhead Reliability Program | D | Complete pole replacements and other reliability improvements on least-reliable circuits | Various | Various | Approx. $ 1.5 M/year | Ongoing | Ongoing | No change |
| Reliability Action Plan | D | Complete pole replacements and other reliability improvements on least-reliable branch lines | Various | Various | Approx. $ 0.5 M/year | Ongoing | Ongoing | No change |
| Brookville Circuit ME 1203 | D | Reconductor circuit for new school | Brookville | Urban | $ 200,000 | 1/05 | 6/05 | N/A |
| Clarksville – New Substation | D | Develop new substation in the Clarksville area | Clarksville | Rural | $ 650,000 | 4/05 | Completed 12/04 | Installed Middleboro Sub using Mobile. |
| Dixie Circuit RL 1203 | D | Reconductor backup feed to Kettering Hospital | Kettering | Urban | $ 140,000 | 01/05 | 08/05 | N/A |
| Fort Recovery Circuit KG 1201 | D | Extend three phase – second feed into town | Fort Recovery | Urban/Rural | $ 320,000 | 01/05 | 06/05 | N/A |
| Hoover Sub | D | Replace 69/12kV transformer | West Dayton | Urban | $ 700,000 | 06/04 | 03/05 | N/A |
| Overlook Sub | D | Replace 69/12kV transformer | East Dayton | Urban | $ 720,000 | 06/04 | 03/05 | N/A |
| Loramie Sub | D | Add New 69/12kV transformer | Fort Loramie | Urban/Rural | $ 610,000 | 06/04 | 06/05 | N/A |
| Northridge Circuit RD 1211 | D | Reconductor Section and transfer load | North Dayton | Urban | $ 50,000 | 01/05 | 06/05 | N/A |
| Normandy – Circuit RN 1204 | D | Extend three phase | Kettering/ Centerville | Urban | $ 220,000 | 1/05 | 08/05 | N/A |
| Manning Circuit AG 1204 | D | Reconductor and extend three phase | Miamisburg/South Dayton | Urban | $ 350,000 | 01/05 | 08/05 | N/A |
| Tait AB 1233 | D | Reconductor section feeding UD | Dayton | Urban | $220,000 | 01/05 | 08/05 | N/A |
| Phoneton Circuit RF 1209 | D | Extend three phase to SR 201 | Huber | Urban | $100,000 | 01/05 | 08/05 | N/A |
| Gratis Circuit MG1203 | D | Reconductor section | Gratis | Urban/Rural | $ 91,000 | 01/05 | 06/05 | N/A |
| Jamestown Circuit GH 1201 | D | Reconductor section | Jamestown | Urban/Rural | $ 39,000 | 01/05 | 06/05 | N/A |
| Garage Road Circuit MH 1208 | D | Reconductor section | Eaton | Urban/Rural | $130,000 | 01/05 | 09/05 | N/A |
| New Hampshire | D | Build new 33/12kV substation | New Hampshire | Rural | $ 250,000 | 01/05 | 06/05 | N/A |
| Wilmington Sub | T | 69kV Bus Reconfiguration | Wilmington | Urban | $520,000 | 06/04 | 06/05 | N/A |
| Jasper – Cedarville section of circuit 6636 | T | Reconductor | Xenia | Urban/Rural | $ 500,000 | 06/04 | 06/05 | N/A |
| Circuit 6668 Hutchings – Yankee | T | Increase Clearances | South Dayton | Urban/Rural | $ 60,000 | 01/05 | 06/05 | N/A |
| New Substation | D | New Sub to support "The Greenes" development | Beavercreek | Urban | $2,500,000 | 01/05 | 06/06 | N/A |
| Jackson Center | D | Add Second 30 MVA transformer to support major customer | Jackson Center | Rural | 1,130,000 | 01/08 | 06/08 | N/A |
| Huber Circuit AN 1204 | D | Upgrade circuit AN 1204 | Huber Heights | Urban | $ 350,000 | 1/06 | 6/06 | N/A |
| Marysville Sub | D | Extend CB 1204 into Mill Valley | Marysville | Urban | $ 80,000 | 1/06 | 6/06 | N/A |
| Vandalia Sub – Airport Expansion | D | Provide new feed into Dayton International Airport (Final scope with customer not yet determined) to support projected load growth | Vandalia/Airport | Urban | To be determined | 11/04 | Delayed by customer | Depends on timing of customer's expansion plans. |

| a. | b. | c. | d. | e. | f. | g. | h. | i. |
|---|---|---|---|---|---|---|---|---|
| Project/Program | T/D | Description and Goals | Portion of service territory affected | Characteristics of territory affected | Estimated cost | Date of initiation | Expected completion date | Changes to previous year's plan or project |
| Columbus St Substation Upgrade | D | Add second 30 MVA transformer | Wilmington | Urban | $ 1,300,000 | 04/07 | 12/07 | N/A |
| Various switch and breaker replacements | T | Circuit upgrades | Various | NA | Various | Ongoing | Ongoing | No change |

## (B)(1)(d,e) Quality, Safety and Reliability Complaints from Other Utilities

| a. | b. | c. | d. | e. | f. | g. |
|---|---|---|---|---|---|---|
| Complaint(s) from other electric utility companies, regional transmission entity, or competitive retail electric supplier(s) | Date complaint received | Nature of complaint(s) | Action taken to address complaint | Complaint resolved (Yes or no) | Date Resolved | If unresolved, explanation why |
| None | N/A | N/A | N/A | N/A | N/A | N/A |

## Section II
## B(2)

## (B)(2) Results of Previous Annual Report

| a. | b. | c. | d. | e. | f. |
|---|---|---|---|---|---|
| Identification of previously planned action | Transmission or Distribution ("T" or "D") | Planned completion date | Actual completion date of action | Identification of deviation(s) from goals of previous plan | Reason(s) for each identified deviation |
| Cable Replacement Program | D | 2004 (ongoing program) | 2004 | None | N/A |
| Overhead Reliability Program | D | 2004 (ongoing program) | 2004 | None | N/A |
| Reliability Action Plan | D | 2004 (ongoing program) | 2004 | None | N/A |
| Benner Circuits Load Transfer | D | 5/04 | 04/16/04 | None | N/A |
| Webb Road – Extend three phase | D | 11/04 | 10/20/04 | None | N/A |
| Hoover Circuit AV 1230 | D | 6/04 | 06/04/04 | None | N/A |
| Jackson Center Transformer | D | 5/04 | 05/14/04 | None | N/A |
| Jackson Center Capacitors | D | 6/04 | 10/28/04 | Delayed | Delayed in order to complete harmonics study requested by a major customer |
| Kettering Hospital | D | 12/04 | 12/04 | None | N/A |
| Kingscreek Circuit Extension | D | 6/04 | 7/12/04 | None | N/A |
| Needmore Circuit AW 1211 | D | 6/04 | 06/17/04 | None | N/A |
| Normandy Circuit RN 1202 | D | 12/04 | 03/05 | Delayed | Rescheduled to 2005 |
| Phoneton Circuit RF 1209 | D | 12/04 | 12/04 | None | N/A |
| Wilmington | D | 12/04 | --- | Delayed | Major Customer Load Growth delayed. |
| Various switch and breaker replacements | T | 2004 (Ongoing) | Various | None | N/A |
| Benner-Dayton Mall 69kV circuit | T | 4/04 | 03/25/04 | None | N/A |
| Tait – Overlook 69kV circuit | T | 6/04 | 06/12/04 | None | N/A |
| Crown Sub | T | 06/04 | 06/04 | None | N/A |
| Tait – Northlawn/Dixie 69kV circuit | T | 6/04 | 05/27/04 | None | N/A |
| Greenville – Treaty 69kV circuit | T | 6/04 | 05/18/04 | None | N/A |
| Greene – Trebein 138kV circuit | T | 6/04 | 05/05 | Delayed | Rescheduled to spring when loading is favorable for required equipment outages |

**Section III**
**B(3)**

**(B)(3) Condition of Transmission and Distribution Facilities**

**Transmission**
**(a,b) Qualitative Characterization of Condition of System & Explanation of Criteria Used in Making Assessment for Each Characterization**

The System Operating and Transmission Planning functions work in concert to ensure that DP&L's transmission system is robust. While the transmission planning function initiates any needed upgrades to ensure that DP&L's transmission has the capacity to meet projected loading, System Operating monitors the condition of the transmission system on a daily basis. Any findings that may impact safety or reliability are immediately addressed.

System reliability performance is a good indicator of the physical condition of the system and industry standard measures show that system performance is consistently reliable.

**Distribution**
**(a,b) Qualitative Characterization of Condition of System & Explanation of Criteria Used in Making Assessment for Each Characterization**

The performance of the electric system over a period of several years is reflective of its physical condition. Consistently safe and reliable service can only be achieved through a well-maintained distribution system.

System level reliability performance is tracked on a monthly basis and reported annually as required by O.A.C. 4901:1-10-10. A review of Dayton Power & Light's historical reliability performance clearly shows the distribution system to be in excellent condition.

**(B)(3)(b) Customer Safety and Reliability Complaints**

DP&L received complaints in the following categories:

| | |
|---|---|
| Out of Service | 18 |
| Damage | 1 |
| Quality of Utility Product | 3 |

**(B)(3)(c) Transmission Construction and Maintenance**

**Total Transmission Plant** - $366,307,628

**Construction** - $2,902,565 Ratio .0792%
**Maintenance** - $1,923,498 Ratio .0525%

**(B)(3)(d) Distribution Construction and Maintenance**

**Total Distribution Plant** - $947,668,592

**Construction** $41,412,608 Ratio 4.369%
**Maintenance** $19,842,072 Ratio 2.093%

**(B)(3)(e) Average Remaining Depreciation Life of Distribution and Transmission Facilities**

The schedule provided in Attachment A shows the details of the calculation of the depreciation rates as filed in the company's electric rate case no. 91-914-EL-AIR. These depreciation rates, stipulated by that rate case, are still in use. The rates were calculated by means of a depreciation study performed by Management Resources International, Inc (MRI).

MRI's approach was consistent with generally accepted approaches employed to develop appropriate depreciation rates. In addition to reviewing and analyzing historical accounting records, MRI used engineering judgment in assessing the probability of historical experience being representative of expected future experience.

For transmission and distribution property, Dayton Power & Light and MRI have evaluated the impact over time of the likelihood of any significant change in the estimated remaining lives of this property. In summary, the expected life essentially remains the same since there are many additions and interim retirements which equalize the average life of the property.

**(B)(3)(f)(i-ii) Inspection, Maintenance, Repair and Replacement of Distribution, Transmission and Substation Programs**

**Summary Report for Transmission (T), Distribution (D) and Distribution Substations (DS)**

| a. | b. | c. | d. | e. |
|---|---|---|---|---|
| T/D/DS | Program Name | Program Goals | Achieved (yes or no) | Summary of Findings |
| T | 345 kV Aerial Patrol | Inspect transmission system for safety and reliability | yes | All inspections completed on schedule |
| T | 138 kV Aerial Patrol | Inspect transmission system for safety and reliability | yes | All inspections completed on schedule |
| T | 69 kV Aerial Patrol | Inspect transmission system for safety and reliability | yes | All inspections completed on schedule |
| T | Thermographic Inspection of Transmission Lines | Complete thermographic inspections where needed | N/A | No inspections scheduled for 2004 |
| T | Transmission Line Clearance | Trim trees where needed | yes | All goals met |
| T | Herbicide Application | Spray to prevent growth & regrowth | yes | Spray program completed |
| T | Visual Inspection of Transmission Lines/Right-Of-Way | Inspect transmission system in metro area "No Fly Zone" for safety and reliability | yes | All inspections completed on schedule |
| T/DS | External Visual Inspection of Substation Transformers | Visually inspect all substation transformers each month | No | Completed 63% of scheduled inspections |

| a. | b. | c. | d. | e. |
|---|---|---|---|---|
| T/D/DS | Program Name | Program Goals | Achieved (yes or no) | Summary of Findings |
| T/DS | Thermographic Imaging of Substation Transformers | Complete infrared inspection of each substation transformer annually | yes | Inspections completed as scheduled |
| T/DS | Substation Transformers Dielectric Oil Breakdown Test | Test transformers on a 5-year cycle | yes | Program goals met |
| T/DS | Substation Transformer LTC Maintenance | Test transformers on a 4-year cycle | yes | Maintenance completed as scheduled |
| T/DS | Substation Transformer Doble Test | Test all transformers on a 5-year maintenance frequency | yes | Program goals met |
| T/DS | Operational Testing of Circuit Breakers | Conduct an operational test for breakers that are not otherwise operated during the calendar year | no | All testing was completed in early 2005 |
| T/DS | Visual Inspection of Circuit Breakers | Visually inspect each breaker monthly | no | Completed 69% of scheduled inspections |
| T/DS | Circuit Breaker Preventive Maintenance | Scope and timing varies based on breaker type and vintage | yes | Maintenance completed as planned |
| T | 345 kV Relay Calibration | Calibrate relays on a 6-year schedule | yes | Calibrations completed as planned |
| T | 138 kV Relay Calibration | Calibrate relays on an 8-year schedule | no | All scheduled calibrations completed by February 2005 |
| T/DS | <138kV Relay Calibration | Calibrate relays on a 10-year schedule | no | All scheduled calibrations completed by February 2005 |
| T/DS | Thermographic Inspection of Substation Switches | Inspect all switches annually | yes | Inspections were completed as scheduled |
| D | Visual Inspection of Airbreak Switches | Maintain reliability by ensuring that all switches are in good working order when needed for planned or emergency switching | yes | All inspections completed as planned |
| D | Preventive Maintenance of Airbreak Switches | Maintain reliability by ensuring that all switches are in good working order when needed for planned or emergency switching | yes | Continued switch replacement program (replace older switches with new unitized switches) |
| D | Capacitor Inspections (Fixed Banks) | Ensure that capacitor banks are operational in order to provide voltage support when needed | no | 99.5% of scheduled inspections were completed |
| D | Capacitor Inspections (Switched Banks) | Ensure that capacitor banks are operational in order to provide voltage support when needed | yes | Inspections completed as planned |
| D | Recloser Inspections | Inspect each device annually to ensure reliable operation | No | Some inspections delayed until January 2005 due to the December ice storm |
| D | Voltage Regulator Inspections | Inspect each device twice per year to ensure reliable operation | No | Some inspections delayed until January 2005 due to the December ice storm |
| D | Underground Device Inspections | Visually inspect devices on a 5-year cycle to ensure safety and reliability | yes | Inspections completed as planned |
| D | Monitor Circuit Reliability Performance | Per O.A.C. 4901:1-10-11, the least-reliable distribution circuits are reported. Circuits are evaluated and corrective action taken when appropriate. | yes | Circuits were reviewed and reported as required |
| D | Monitor Branch Line Reliability Performance | Least-reliable branch lines are evaluated monthly and corrective action completed if necessary | yes | All work completed as planned |
| D | Distribution Circuit Patrol | Visually inspect distribution circuits on a 5-year cycle to ensure safe and reliable operation | yes | Inspections completed as planned |
| D | Distribution Line Clearance Inspection | Evaluate circuit line clearance needs and schedule trimming where needed | yes | Program goals were met |
| D | Distribution Line Clearance | Complete trimming where needed | no | Priority circuits were completed |

**(B)(3)(f)(i)** *If response in column "d" of Report 9 is "yes", the following info needs to be provided:*

| 1. | 2. | 3. | 4. | 5. |
|---|---|---|---|---|
| Program Name | Explanation of How Goals Were Achieved | Extent of Achievement | Quantitative Description of Goal | Quantitative Description of Actual Performance |
| 345 kV Aerial Patrol | Inspect 14 circuits quarterly | All program goals were met | Inspect 14 circuits, 4 times per year | 100% Complete |
| 138 kV Aerial Patrol | Inspect 37 circuits quarterly | All program goals were met | Inspect 37 circuits, 4 times per year | 100% Complete |

| 1. | 2. | 3. | 4. | 5. |
|---|---|---|---|---|
| Program Name | Explanation of How Goals Were Achieved | Extent of Achievement | Quantitative Description of Goal | Quantitative Description of Actual Performance |
| 69 kV Aerial Patrol | Inspect 82 circuits annually | All program goals were met | Inspect 82 circuits, annually | 100% Complete |
| Thermographic Inspection of Transmission Lines | N/A | N/A | No inspections scheduled for 2004 | N/A |
| Transmission Line Clearance | Spot trim were needed | All program goals were met | Spot trim in all needed areas | Spot trimming completed in 976 locations |
| Herbicide Application | Follow-up after circuit trim plus herbicide applications were made in applicable areas for safety and reliability | All program goals were met | Follow-up spray on 23 miles of 345kV system and 94 areas on balance of transmission system | 165 Areas received herbicide application |
| Visual Inspection of Transmission Lines/Right-Of-Way | Inspect all circuits in Metro (No Fly) Zone, 24circuits | All program goals were met | 3 times per year inspect 24 circuits | 100% Complete |
| Thermographic Imaging of Substation Transformers | Infrared substation transforms as scheduled | All program goals were met | Infrared 304 transformers per year | 100% Complete |
| Substation Transformers Dielectric Oil Breakdown Test | Perform oil tests during planned Doble tests | Program goals were met | Test oil on 65 transformers | Completed 86 oil breakdown tests (132% of goal) |
| Substation Transformer LTC Maintenance | Completed LTC maintenance for scheduled units | All program goals were met | Perform maintenance on 62 LTC's | 100% Complete |
| Substation Transformer Doble Test | Perform power factor (Doble) tests on scheduled transformers | Program goals were met | Doble test 65 transformers | Completed 86 Doble tests (132% of goal) |
| Circuit Breaker Preventive Maintenance | Completed maintenance on scheduled units | Program goals were met | Perform maintenance on 223 breakers | Performed maintenance on 240 breakers (108% of target) |
| 345 kV Relay Calibration | Test calibration for scheduled relays | All program goals were met | 182 relays scheduled | 100% Complete |
| Thermographic Inspection of Substation Switches | Completed thermographic inspections for switches as scheduled | All program goals were met | Infrared 2,244 switches per year | 100% Complete |
| Visual Inspection of Airbreak Switches | Visual inspections completed as planned. | All program goals were met | Inspect approximately 1,316 switches | 100% Complete |
| Preventive Maintenance of Airbreak Switches | Replaced old switched with new, unitized switches | Continued focus on new switch installations | Replace 74 switches | 100% Complete |
| Capacitor Inspections (Switched Banks) | Perform visual and operational testing twice per year | All program goals were met | Inspect 604 capacitors twice per year | 100% Complete |
| Underground Device Inspections | All inspections completed as planned | All program goals were met | Inspect all underground devices on each of 317 map grids | 100% Complete |
| Monitor Circuit Reliability Performance | The least-reliable circuits were evaluated and action plans developed as appropriate | All program goals were met | N/A | 36 circuits analyzed and reported |
| Monitor Branch Line Reliability Performance | The least-reliable branch lines were evaluated and action plans developed as appropriate | All program goals were met | N/A | Action plans were developed for 12 branch lines |
| Distribution Circuit Patrol | Visual inspections completed as planned | All program goals were met | Inspect 85 circuit mainlines | 100% Complete |
| Distribution Line Clearance Inspection | Visual inspection results, circuit outage history and other data sources are evaluated to determine line clearance requirements | All program goals were met | Evaluate 85 circuits | 100% Complete |

**(B)(3)(f)(i)** *If response in column "d" of Report 9 is "no", the following info needs to be provided:*

| 1. | 2. | 3. | 4. | 5. |
|---|---|---|---|---|
| Program Name | Cause(s) for Not Achieving Goal(s) | Description of Level of Completion of Goal | Quantitative Description of Goal | Quantitative Description of Level of Completion |
| Operational Testing of Circuit Breakers | Testing was delayed until early 2005 | All required testing was completed by February 2005 | The number of breakers subject to verification in the annual operational breaker test is 662. 109 breakers required testing | No breakers were tested in 2004. 109 breakers (100%) were tested in early 2005 |
| External Visual Inspection of | Part of monthly substation | Completed 63% of | Inspect 304 transformers per | Completed 2,360 of |

| | | | | |
|---|---|---|---|---|
| Substation Transformers | inspections and not all monthly inspections were completed | scheduled inspections | month | 3,648 scheduled inspections |
| Visual Inspection of Circuit Breakers | Part of monthly substation inspections and not all monthly inspections were completed | Completed 69% of scheduled inspections | Inspect 1,271 breakers each month | Completed 10,565 out of 15,252 scheduled inspections |
| 138 kV Relay Calibration | Backlog was being tracked separately by previous Relay Engineer who retired during 2004. New Relay Engineer found this backlog towards the end of the year and all calibrations were completed by February 2005. | All inspections complete by February 2005 | 1,664 relays scheduled | Calibrated 263 relays (16%) in 2004 and the balance were completed by February 2005 |
| <138kV Relay Calibration | Backlog was being tracked separately by previous Relay Engineer who retired during 2004. New Relay Engineer found this backlog towards the end of the year and all calibrations were completed by February 2005. | All inspections complete by February 2005 | 161 relays scheduled | Calibrated 85 relays (55%) in 2004 and the balance were completed by February 2005 |
| Capacitor Inspections (Fixed Banks) | A small number of cap banks were overlooked during the spring inspection | 99.5% of inspections completed on schedule | Inspect approximately 539 capacitor banks twice per year | Completed 1,073 out of 1,078 required inspections (99.5%) |
| Recloser Inspections | Some inspections were delayed until January 2005 due to the December ice storm | Most inspections were completed in 2004 and the balance were completed in January 2005 | Inspect approximately 573 reclosers annually | 80.5 % completed in 2004 and the remaining 19.5% were completed in January 2005 |
| Voltage Regulator Inspections | Some inspections were delayed until January 2005 due to the December ice storm | Most inspections were completed in 2004 and the balance were completed in January 2005 | Inspect approximately 466 regulators twice per year | 90.4 % completed in 2004 and the remaining 9.6% were completed in January 2005 |
| Distribution Line Clearance | Line clearance crews sent to Florida for hurricane mutual aid. Re-prioritized schedule to address poor performing circuits. | 62% of scheduled circuits were completed and additional unscheduled circuits were trimmed in 2004 | 37 circuits scheduled in 2004 | 23 scheduled circuits and 6 unplanned circuits were completed in 2004. 10 circuits were rescheduled to 2005 and 4 circuits are being re-evaluated. |

**(B)(3)(f)(iii) - Remedial Activity**

| 1. | 2. | 3. | 4. | 5. | 6. | 7. |
|---|---|---|---|---|---|---|
| Program Name | T/D | Program Finding(s) Causing Remedial Activity | Remedial Activity Performed | Actual Completion Date | Remedial Activity Yet to be Performed | Estimated Completion Date |
| Transmission Line Inspections (aerial and foot patrols) | T | The following maintenance items were identified during inspections:<br>Critical: 16 items (completed immediately)<br>Medium priority: 95 items<br>Minor : 286 items | Completed 16 critical repairs, 60 medium priority repairs and 59 minor repairs | Jan-Dec 2004 | Pending work includes 35 medium priority items and 227 minor items (i.e. loose ground, chipped insulator, etc.) | Sept 2005 (medium priority items). Minor items to be completed as schedules permit. |
| External Visual Inspection of Substation Transformers | T/DS | Examples of significant findings requiring remedial activity include major oil leak, bushing problems, high or low oil level in main tank or LTC, high winding temperature and sudden pressure relay. | Repairs such as those described in item 3 are prioritized and scheduled based on loading. 20 problems were identified and 17 were scheduled and fixed. | Jan-Dec 2004 | 3 problems will be scheduled and fixed. | 6/30/2005 |

| 1. | 2. | 3. | 4. | 5. | 6. | 7. |
|---|---|---|---|---|---|---|
| Program Name | T/D | Program Finding(s) Causing Remedial Activity | Remedial Activity Performed | Actual Completion Date | Remedial Activity Yet to be Performed | Estimated Completion Date |
| Thermo graphic Imaging of Substation Transformers | T/DS | 3 problems were identified | Did a second thermo graphic picture of problems identified. 2 of the transformers required additional work. These transformers were taken out of service and connectors were cleaned and returned to service. | Jan-Dec 2004 | N/A | N/A |
| Substation Transformers Dielectric Oil Breakdown Test | T/DS | Significant finding requiring remedial activity is a failed oil test. No problems found. | Transformer remains out of service, until the oil is processed or replaced and the follow-up oil test is good. | N/A | N/A | N/A |
| Substation Transformer LTC Maintenance | T/DS | Examples of significant findings requiring remedial activity include bad or worn contacts. | Contacts are cleaned or replaced before the transformer is returned to service. | Jan –Dec 2004 | None | N/A |
| Substation Transformer Doble Test | T/DS | Examples of significant findings requiring remedial activity include deteriorated bushings, bad lightning arrestors, or deteriorated winding insulation. Found elevated bushing power factor readings on three transformers | Items like bushings and lightening arrestors are replaced before returning to service. If there is problem with winding, transformer remains out of service until repaired or replaced. Replaced bushings on three transformers before returning to service. | Jan –Dec 2004 | None | N/A |
| Operational Testing of Circuit Breakers | T/DS | 5 problems were found during breaker testing | 4 of the identified problems were repaired. | Feb-March 2005 | One repair is scheduled for late March (per customer request) | March 2005 |
| Visual Inspection of Circuit Breakers | T/DS | Examples of significant findings requiring remedial activity include low gas, low oil and compressor motor problems. | Repairs such as those described in item 3 are prioritized and scheduled based on loading. 10 problems were identified and 9 were scheduled and fixed. | Jan-Dec 2004 | 1 problem will be scheduled and fixed. | 6/30/2005 |
| Circuit Breaker Preventive Maintenance | T/DS | Findings requiring remedial action include items such as dirty contacts and lubrication of operating mechanism. | Any needed repairs were completed at the time of scheduled maintenance, before returning the device to service | Jan-Dec 2004 | None | N/A |
| 345 kV Relay Calibration | T | Found one relays requiring repair or replacement | Repaired one relay | N/A | N/A | N/A |
| 138 kV and 69 kV Relay Calibration | T | Found 67 relays requiring repair or replacement | Replaced or repaired 53 relays | Jan 04-Mar 05 | 14 relays will be repaired / replaced. | 12/31/2005 |
| <12kV and 4kV Relay Calibration | T/DS | Found 3 relays requiring repair or replacement | None | None | 3 relays will be repaired / replaced. | 8/31/2005 |
| Thermo graphic Inspection of Substation Switches | T/DS | 13 problems were identified. | Performed a second thermo graphic picture of problems identified. 4 of the switches required additional work. One switch was taken out of service and connectors were cleaned and returned to service. | Jan-Dec 2004 | 3 switches will be taken out of service to clean the connectors. | 06/30/2005 |
| Visual Inspection of Airbreak Switches | D | None | N/A | N/A | N/A | N/A |
| Preventive Maintenance of Airbreak Switches | D | None | N/A | N/A | N/A | N/A |
| Capacitor Inspections (Fixed and Switched Banks) | D | Repairs required on 240 units | Completed required repairs on 119 units | Jan-Dec 2004 | Repairs pending on 121 units | July 2005 |

| 1. Program Name | 2. T/D | 3. Program Finding(s) Causing Remedial Activity | 4. Remedial Activity Performed | 5. Actual Completion Date | 6. Remedial Activity Yet to be Performed | 7. Estimated Completion Date |
|---|---|---|---|---|---|---|
| Recloser Inspections | D | Repairs required on 2 units | Repairs were completed at the time of the inspection | Completed during inspection | None | N/A |
| Voltage Regulator Inspections | D | Repairs required on 5 units | Completed required repairs on 1 unit | 12/23/04 | Repairs pending on 4 units | July 2005 |
| Underground Device Inspections | D | 284 repair items identified | Completed 262 repair items | Jan-Dec 2004 | 22 repair items pending | July 2005 |
| Monitor Circuit Reliability Performance | D | Examples of remedial action items include pole replacements, replacement or repair of damaged equipment and lightning protection upgrades. | Work completed includes 631 pole replacements and the completion of 107 repair items (i.e. replace or add arrester, etc.). | Jan-Dec 2004 | None | N/A |
| Monitor Branch Line Reliability Performance | D | Examples of remedial action items include pole replacements, replacement or repair of damaged equipment. | Work completed includes 107 pole replacements and the completion of 111 repair items (i.e. replace or add arrester, etc.). | Jan-Dec 2004 | None | N/A |
| Distribution Circuit Patrol | D | 25 repair items identified | 11 repair items completed | Various | 14 repair items pending | July 2005 |

**2005 Goals**

| a. T/D/DS | b. Program Name | c. 2005 Goal |
|---|---|---|
| T | 345 kV Aerial Patrol | Inspect 14 circuits, 4 times per year |
| T | 138 kV Aerial Patrol | Inspect 37 circuits, 4 times per year |
| T | 69 kV Aerial Patrol | Inspect 82 circuits, annually |
| T | Thermographic Inspection of Transmission Lines | Perform thermographic inspections where needed |
| T | Transmission Line Clearance | Trim trees where needed |
| T | Herbicide Application | Apply herbicide as needed |
| T | Visual Inspection of Transmission Lines/Right-Of-Way | Inspect 24 circuits |
| T/DS | External Visual Inspection of Substation Transformers | Inspect 3,612 Substation Transformers |
| T/DS | Thermographic Imaging of Substation Transformers | 301 Substation Transformers |
| T/DS | Substation Transformers Dielectric Oil Breakdown Test | Perform 49 transformer oil dielectric breakdown tests. |
| T/DS | Substation Transformer LTC Maintenance | Complete maintenance on 57 LTC's |
| T/DS | Substation Transformer Doble Test | Perform Doble power factor tests on 49 substation transformers. |
| T/DS | Operational Testing of Circuit Breakers | Conduct an operational test for breakers that are not otherwise operated during the calendar year |
| T/DS | Visual Inspection of Circuit Breakers | Inspect 15,492 Circuit Breakers |
| T/DS | Circuit Breaker Preventive Maintenance | Complete maintenance on 258 circuit breakers |
| T | 345 kV Relay Calibration | 182 relays scheduled |
| T | 138kV, 69 kV, 33 kV Relay Calibration | 275 relays scheduled |
| T/DS | 12kV, 4 kV Relay Calibration | 292 relays scheduled |
| T/DS | Thermographic Inspection of Substation Switches | 2,244 Substation Switches |
| D | Visual Inspection of Airbreak Switches | Inspect 1,316 switches |
| D | Preventive Maintenance of Airbreak Switches | Continue planned replacement of non-unitized switches |

| a. | b. | c. |
|---|---|---|
| T/D/DS | Program Name | 2005 Goal |
| D | Capacitor Inspections (Fixed Banks) | Complete 1,080 inspections (540 twice per year) |
| D | Capacitor Inspections (Switched Banks) | Complete 1,208 inspections (604 twice per year) |
| D | Recloser Inspections | Inspect 46 three phase line reclosers and 527 single phase line reclosers. |
| D | Voltage Regulator Inspections | 468 regulators will be inspected |
| D | Underground Device Inspections | Inspect URD devices on 316 map grids |
| D | Monitor Circuit Reliability Performance | Evaluate least-reliable circuits and initiate remedial action where needed |
| D | Monitor Branch Line Reliability Performance | Evaluate least-reliable branch lines and initiate remedial action where needed |
| D | Distribution Circuit Patrol | Inspect 91 circuits |
| D | Distribution Line Clearance Inspection | Evaluate 91 circuits |
| D | Distribution Line Clearance | Complete trimming where needed |

## (B)(3)(f)(iv) Plans and Programs to Prevent Overloading or Excessive Loading of Equipment and Facilities

Load forecasting and planning are critical to the successful operation of any electric utility. Transmission and distribution planners work year-round to ensure that facilities are adequate to meet actual and projected demand. A brief description of each function is included below.

| a. | b. | c. |
|---|---|---|
| T/D | Program or plan name | Program Description |
| T | Transmission Planning | DP&L performs an evaluation of its transmission system on an annual basis and in response to significant proposed changes to the system, such as the installation of a generating plant or a large change in customer load at a given location.<br><br>DP&L bases its transmission system evaluations on a recent power flow model developed by ECAR on behalf of its members. A detailed model of the DP&L transmission system is then inserted in order to include all 69 kV and 138 kV facilities. Changes may be made to the generation dispatch in order to evaluate the most stressful conditions on the system.<br><br>The evaluations typically consist of comprehensive contingency analyses including outages of single segment transmission lines, multiple-terminal transmission lines, transformers, generating units, and double circuits. The results of these studies are checked for thermal overloading and excessive voltage drop according to NERC/ECAR guidelines. |
| D | Distribution Planning | The distribution planning process includes an ongoing analysis of each component and its response to current and projected peak loads. Short and long-range plans are developed and continually refined based on changing customer needs and the dynamic nature of the distribution system. |

## (B)(3)(f)(v) Actions to Remedy Overloading or Excessive Loading of Equipment and Facilities

| a. | b. | c. | d. | e. | f. | g. |
|---|---|---|---|---|---|---|
| Transmission or Distribution ("T" or "D") | Circuit ID # | Date Overloading Identified | Plan(s) to Remedy Overloading | Estimated Completion Date | Action(s) Already Taken to Remedy Overloading | Actual Completion Date |
| T | None | N/A | N/A | N/A | N/A | N/A |
| D | BA1203 | August 2004 | Additional load may be transferred to BA1202 if needed | N/A | Transferred load to circuit BA1202 | August 2004 |

## (B)(3)(g)(i) Programs Deleted

| a. | b. | c. |
|---|---|---|
| Transmission "T", Distribution "D", Transmission Substation "TS", or Distribution Substation "DS" | Deleted Program Name | Explanation for Elimination of Program |
| N/A | None | N/A |

## (B)(3)(g)(ii) Programs Modified

| a. | b. | c. | d. |
|---|---|---|---|
| Transmission "T", Distribution "D", Transmission Substation "TS", or Distribution substation "DS" | Modified Program Name | Explanation of Modification(s) to Program | Anticipated Effects on Program as Result of Modification(s) |
| D | Voltage Regulator Inspections | Two separate inspections will be combined into a comprehensive annual inspection that includes a control check, a visual check of the physical condition and indicator readings. This program modification will be implemented in 2005. | This change will improve the efficiency of the program. |

## (B)(3)(g)(iii) Programs Added

| a. | b. | c. | d. |
|---|---|---|---|
| Transmission "T", Distribution "D", Transmission Substation "TS", or Distribution Substation "DS" | Added Program Name | Explanation of Additional Program's Purpose | Expected Goals for Additional Program |
| None | N/A | N/A | N/A |

## (B)(4) Planned and Unplanned Interruptions of Service

| | a. | b. | c. | d. |
|---|---|---|---|---|
| Type of System | # of Planned Interruptions (Sustained) | Duration of Planned Interruptions (in minutes) | # of Unplanned Interruptions (Sustained) | Duration of Unplanned Interruptions (in minutes) |
| Transmission | 3 | 13,192 (CMI) | 14 | 1,880,692 (CMI) |
| Distribution | 207 | 318,525 (CMI) | 12,645 | 83,109,855 (CMI) |

Voltage Measurements

Transmission and distribution bus voltages are monitored and recorded hourly. A sample voltage log is provided in Attachment B.

**(B)(5) Customer Service Interruptions due to Outside Parties**

| a. | b. | c. | d. | e. | f. | g. |
|---|---|---|---|---|---|---|
| Date of Interruption | Time of Interruption | Type of Entity Causing Interruption (another electric utility, regional transmission entity, and/or a competitive retail electric supplier) | Name of Entity Causing Interruption | Identify Whether Impact was on Transmission or Distribution System ("T" or "D") | Reference ID of *Circuit(s)* Interrupted | Cause(s) of Interruption of Service |
| None | N/A | N/A | N/A | N/A | N/A | N/A |

**10-26 (B) Name and position of either the chief executive officer or other senior officer responsible for the service quality, safety, and reliability of the electric utility's transmission and/or distribution service**

Patricia K. Swanke
Vice President of Service Operations

DAYTON POWER & LIGHT COMPANY

SCHEDULE OF DEPRECIATION ACCRUAL RATES AT DECEMBER 31, 1989

| PLANT ACCOUNT NUMBER | PLANT ACCOUNT DESCRIPTION | PLANT BALANCE @12/31/89 | DISPERSION TYPE | AVERAGE DOLLAR SERVICE LIFE | ANNUAL ACCRUAL RATE WITHOUT NET SALVAGE | ANNUAL ACCRUAL WITHOUT NET SALVAGE | NET SALVAGE % | SALVAGE FACTOR | ANNUAL ACCRUAL RATE WITH NET SALVAGE |
|---|---|---|---|---|---|---|---|---|---|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| | TRANSMISSION PLANT | | | | | | | | |
| 352.10 | STRUCTURES AND IMPROVEMENTS | 4,238,034 | R 3.0 | 50.0 | 2.00 | 84,761 | -10 | 1.10 | 2.20 |
| 352.90 | STRUCTURES AND IMPROV-AISAFD | 60,694 | R 3.0 | 50.0 | 2.00 | 1,214 | -10 | 1.10 | 2.20 |
| 353.10 | STATION EQUIPMENT-NORMAL | 66,575,308 | R 2.0 | 50.0 | 2.00 | 1,331,506 | -5 | 1.05 | 2.10 |
| 353.60 | STATION EQUIPMENT-EDS | 7,640,457 | R 3.0 | 11.0 | 9.09 | 694,518 | 0 | 1.00 | 9.09 |
| 353.90 | STATION EQUIPMENT-AISAFDC | 558,328 | R 2.0 | 50.0 | 2.00 | 11,167 | -5 | 1.05 | 2.10 |
| 354.10 | TOWERS AND FIXTURES | 10,582,701 | R 4.0 | 49.6 | 2.02 | 213,771 | -15 | 1.15 | 2.32 |
| 354.90 | TOWERS AND FIXTURES-AISAFDC | 272,165 | R 4.0 | 49.6 | 2.02 | 5,498 | -15 | 1.15 | 2.32 |
| 355.10 | POLES & FIXTURES | 22,850,601 | R 2.5 | 46.7 | 2.14 | 489,003 | -20 | 1.20 | 2.57 |
| 355.90 | POLES & FIXTURES-AISAFDC | 90,298 | R 2.5 | 46.7 | 2.14 | 1,932 | -20 | 1.20 | 2.57 |
| 356.10 | OH CONDUCTORS AND DEVS | 27,981,636 | R 2.5 | 48.2 | 2.07 | 579,220 | -3 | 1.03 | 2.13 |
| 356.90 | OH CONDUCTORS AND DEVS-AISAF | 123,943 | R 2.5 | 48.2 | 2.07 | 2,566 | -3 | 1.03 | 2.13 |
| 357.00 | UG CONDUIT | 434,290 | R 4.0 | 60.0 | 1.67 | 7,253 | 0 | 1.00 | 1.67 |
| 358.00 | UG CONDUCTORS & DEVS | 801,170 | R 4.0 | 45.0 | 2.22 | 17,786 | 10 | 0.90 | 2.00 |
| 359.00 | ROADS AND TRAILS | 9,439 | SQ | 80.0 | 1.25 | 118 | 0 | 1.00 | 1.25 |
| | TOTAL DEPREC TRANSM PLANT | 142,219,264 | | 41.3 | 2.42 | 3,440,337 | -6 | 1.06 | 2.58 |

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Attachment A

Depreciation Study

| ANNUAL ACCRUAL WITH NET SALVAGE | THEORETICAL RESERVE WITHOUT NET SALVAGE | THEORETICAL RESERVE WITH NET SALVAGE | ALLOCATED BOOK RESERVE @ 12/31/89 | INDICATED RESERVE VARIANCE | AVERAGE DOLLAR REMAINING LIFE | AMORT. OF INDICATED RESERVE VARIANCE | ANNUAL ACCRUAL WITH AMORTIZATION | ANNUAL ACCRUAL RATE WITH AMORTIZATION |
|---|---|---|---|---|---|---|---|---|
| (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) |
| 117,550 | 2,148,080 | 2,362,888 | 2,184,307 | 178,581 | 24.9 | 7,172 | 124,722 | 2.59 |
| 1,259,236 | 19,715,181 | 20,700,940 | 19,136,418 | 1,564,522 | 33.6 | 46,563 | 1,305,799 | 2.18 |
| 95,197 | 560,719 | 560,719 | 518,341 | 42,378 | 5.1 | 8,309 | 103,506 | 9.88 |
| 2,095,556 | 17,057,104 | 23,879,946 | 22,075,163 | 1,804,783 | 26.6 | 67,849 | 2,163,405 | 3.80 |
| 1,226,856 | 15,806,924 | 17,257,963 | 15,953,652 | 1,304,311 | 25.9 | 50,359 | 1,277,215 | 3.00 |
| 81,296 | 1,796,607 | 1,886,437 | 1,743,865 | 142,572 | 31.8 | 4,483 | 85,779 | 2.02 |
| 1,434,019 | 11,459,503 | 13,178,428 | 12,182,438 | 995,990 | 28.8 | 34,583 | 1,468,602 | 3.09 |
| 2,435,988 | 31,839,877 | 31,839,877 | 29,433,504 | 2,406,373 | 30.9 | 77,876 | 2,513,864 | 2.34 |
| 763,457 | 8,410,775 | 12,414,163 | 11,662,666 | 953,497 | 16.5 | 57,788 | 821,245 | 4.89 |
| 937,331 | 5,729,656 | 7,162,070 | 6,620,780 | 541,290 | 27.3 | 19,827 | 957,158 | 3.66 |
| 831,645 | 9,751,685 | 9,751,685 | 9,014,679 | 737,006 | 20.3 | 36,306 | 867,951 | 3.27 |
| 452,409 | 2,634,060 | 3,160,872 | 2,921,982 | 238,890 | 13.0 | 18,376 | 470,785 | 6.24 |
| 7,905 | 151,730 | 151,730 | 140,263 | 11,467 | 30.8 | 372 | 8,277 | 2.09 |
| 1,422 | 20,208 | 20,208 | 18,681 | 1,527 | 25.8 | 59 | 1,481 | 2.60 |
| 11,739,867 | 126,282,109 | 144,529,926 | 133,606,739 | 10,923,187 | 27.0 | 429,922 | 12,169,789 | 3.03 |

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DAYTON POWER & LIGHT COMPANY

SCHEDULE OF DEPRECIATION ACCRUAL RATES AT DECEMBER 31, 1989

| PLANT ACCOUNT NUMBER | PLANT ACCOUNT DESCRIPTION | PLANT BALANCE @12/31/89 | DISPERSION TYPE | AVERAGE DOLLAR SERVICE LIFE | ANNUAL ACCRUAL RATE WITHOUT NET SALVAGE | ANNUAL ACCRUAL WITHOUT NET SALVAGE | NET SALVAGE % | SALVAGE FACTOR | ANNUAL ACCRUAL RATE WITH NET SALVAGE |
|---|---|---|---|---|---|---|---|---|---|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| | DISTRIBUTION PLANT | | | | | | | | |
| 361.00 | STRUCTURES AND IMPROVEMENTS | 4,817,629 | R 3.0 | 45.0 | 2.22 | 106,951 | -10 | 1.10 | 2.44 |
| 362.00 | STATION EQUIPMENT-NORMAL | 59,963,633 | R 2.0 | 50.0 | 2.00 | 1,199,273 | -5 | 1.05 | 2.10 |
| 362.60 | STATION EQUIPMENT-EDS | 1,047,274 | R 3.0 | 11.0 | 9.09 | 95,197 | 0 | 1.00 | 9.09 |
| 364.00 | POLES, TOWERS, & FIXTURES | 56,944,444 | R 1.0 | 38.0 | 2.63 | 1,497,639 | -40 | 1.40 | 3.68 |
| 365.00 | OH CONDUCTORS AND DEVICES | 42,599,162 | R 1.0 | 40.0 | 2.50 | 1,064,979 | -15 | 1.15 | 2.88 |
| 366.00 | UG CONDUIT | 9,256,366 | R 3.0 | 55.0 | 1.82 | 77,465 | -5 | 1.05 | 1.91 |
| 367.00 | UG CONDUCTORS AND DEVICES | 47,484,071 | S 0.0 | 38.0 | 2.63 | 1,248,831 | -15 | 1.15 | 3.02 |
| 368.00 | LINE TRANSFORMERS | 107,312,239 | S 1.0 | 44.0 | 2.27 | 2,435,988 | 0 | 1.00 | 2.27 |
| 369.10 | OH SERVICES | 16,779,264 | R 3.0 | 33.0 | 3.03 | 508,412 | -50 | 1.50 | 4.55 |
| 369.20 | UG SERVICES | 26,182,421 | R 2.0 | 35.0 | 2.86 | 748,817 | -25 | 1.25 | 3.58 |
| 370.00 | METERS | 26,570,116 | S 1.0 | 32.0 | 3.13 | 831,645 | 0 | 1.00 | 3.13 |
| 371.10 | INST ON CUST PREM-POL | 7,560,147 | R 0.5 | 20.0 | 5.00 | 377,007 | -20 | 1.20 | 6.00 |
| 371.20 | INST ON CUST PREM-OTHER | 395,272 | R 5.0 | 50.0 | 2.00 | 7,905 | 0 | 1.00 | 2.00 |
| 372.00 | LEASED PROP ON CUST PREM | 56,865 | SQ | 40.0 | 2.50 | 1,422 | 0 | 1.00 | 2.50 |
| | TOTAL DEPREC DISTR PLANT | 401,948,883 | | 39.4 | 2.54 | 10,281,531 | -15 | 1.15 | 2.92 |

Page 2a

| ANNUAL ACCRUAL WITH NET SALVAGE | THEORETICAL RESERVE WITHOUT NET SALVAGE | THEORETICAL RESERVE WITH NET SALVAGE | ALLOCATED BOOK RESERVE @ 12/31/89 | INDICATED RESERVE VARIANCE | AVERAGE DOLLAR REMAINING LIFE | AMORT. OF INDICATED RESERVE VARIANCE | ANNUAL ACCRUAL WITH AMORTIZATION | ANNUAL ACCRUAL RATE WITH AMORTIZATION |
|---|---|---|---|---|---|---|---|---|
| (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) |
| 93,237 | 1,304,224 | 1,434,646 | 1,261,900 | 172,746 | 34.6 | 4,993 | 98,230 | 2.32 |
| 1,340 | 8,897 | 9,787 | 9,881 | 94- | 42.7 | 2- | 1,338 | 2.20 |
| 1,398,081 | 16,588,728 | 17,418,164 | 15,320,832 | 2,097,332 | 37.5 | 55,929 | 1,454,010 | 2.18 |
| 694,518 | 4,036,218 | 4,036,218 | 3,550,214 | 486,004 | 5.2 | 93,462 | 787,980 | 10.31 |
| 11,725 | 74,302 | 78,017 | 78,769 | 752- | 43.3 | 17- | 11,708 | 2.10 |
| 245,519 | 4,335,781 | 4,986,148 | 4,385,763 | 600,385 | 29.3 | 20,491 | 266,010 | 2.51 |
| 6,314 | 41,056 | 47,214 | 47,670 | 456- | 42.1 | 11- | 6,303 | 2.32 |
| 587,268 | 6,750,762 | 8,100,914 | 7,125,478 | 975,436 | 32.9 | 29,649 | 616,909 | 2.70 |
| 2,321 | 13,482 | 16,178 | 16,334 | 156- | 39.7 | 4- | 2,317 | 2.57 |
| 596,009 | 9,460,687 | 9,744,508 | 8,571,165 | 1,173,343 | 31.9 | 36,782 | 632,791 | 2.25 |
| 2,640 | 17,940 | 18,478 | 18,656 | 178- | 41.2 | 4- | 2,636 | 2.13 |
| 7,253 | 154,299 | 154,299 | 135,720 | 18,579 | 38.7 | 480 | 7,733 | 1.78 |
| 16,023 | 403,417 | 363,075 | 319,357 | 43,718 | 22.3 | 1,960 | 17,983 | 2.24 |
| 118 | 3,085 | 3,085 | 2,714 | 371 | 53.9 | 7 | 125 | 1.32 |
| 3,862,358 | 43,192,878 | 46,410,731 | 40,844,453 | 5,566,278 | 28.8 | 243,715 | 3,906,073 | 2.75 |

Attachment B
Sample Voltage Log

HKV11 MONDAY 03/15/04 1: 3:07 EDT 4/ 5/04 2: 3:07 PAGE 1 OF 8

LOG DIRECTORY

- - - - - - - - - - - - 12 KV VOLTAGE LOG - - - - - - - - - - - -

| | | CARROLLTON | | | -- EAKER --- | | - FAIRBORN -- | |
|---|---|---|---|---|---|---|---|---|
| | AIRWAY | EAST | WEST | DARBY | S W | M E | NORTH | SOUTH |
| HOUR | | | | | | | | |
| 0100 | 13.0 | 12.8 | 12.8 | 12.9 | 12.2 | 12.2 | 12.9 | 12.9 |
| 0200 | 13.0 | 12.8 | 12.8 | 12.9 | 12.2 | 12.2 | 12.9 | 12.9 |
| 0300 | 13.0 | 12.8 | 12.8 | 12.8 | 12.1 | 12.2 | 12.9 | 12.9 |
| 0400 | 13.0 | 12.8 | 12.8 | 12.8 | 12.1 | 12.2 | 12.8 | 12.8 |
| 0500 | 12.9 | 12.6 | 12.7 | 12.8 | 12.0 | 12.1 | 12.8 | 12.8 |
| 0600 | 12.9 | 12.6 | 12.8 | 12.9 | 12.1 | 12.2 | 12.8 | 12.8 |
| 0700 | 13.1 | 12.6 | 12.7 | 12.9 | 12.0 | 12.1 | 12.9 | 12.9 |
| 0800 | 13.1 | 12.6 | 12.7 | 13.0 | 12.0 | 12.2 | 12.9 | 12.9 |
| 0900 | 13.0 | 12.7 | 12.8 | 13.0 | 12.0 | 12.2 | 12.9 | 12.9 |
| 1000 | 13.0 | 12.8 | 12.8 | 13.0 | 12.2 | 12.2 | 12.9 | 12.9 |
| 1100 | 13.0 | 12.8 | 12.9 | 13.0 | 12.2 | 12.3 | 12.9 | 12.9 |
| 1200 | 13.0 | 12.8 | 12.8 | 13.0 | 12.2 | 12.3 | 12.9 | 12.9 |
| 1300 | 13.0 | 12.8 | 12.8 | 12.9 | 12.2 | 12.3 | 12.9 | 12.9 |
| 1400 | 13.0 | 12.8 | 12.8 | 13.0 | 12.2 | 12.3 | 13.0 | 13.0 |
| 1500 | 13.0 | 12.7 | 12.7 | 13.0 | 12.2 | 12.3 | 12.9 | 12.9 |
| 1600 | 13.0 | 12.8 | 12.7 | 13.0 | 12.2 | 12.3 | 12.9 | 12.9 |
| 1700 | 13.0 | 12.8 | 12.7 | 13.0 | 12.2 | 12.3 | 12.9 | 12.9 |
| 1800 | 12.9 | 12.7 | 12.7 | 12.9 | 12.2 | 12.2 | 12.8 | 12.8 |
| 1900 | 12.9 | 12.6 | 12.9 | 13.0 | 12.1 | 12.2 | 12.9 | 12.9 |
| 2000 | 13.0 | 12.6 | 12.7 | 13.0 | 12.1 | 12.2 | 12.9 | 12.9 |
| 2100 | 13.0 | 12.7 | 12.7 | 12.9 | 12.2 | 12.2 | 13.0 | 13.0 |
| 2200 | 13.1 | 12.7 | 12.8 | 12.9 | 12.2 | 12.3 | 13.0 | 13.0 |
| 2300 | 13.1 | 12.8 | 12.8 | 12.9 | 12.2 | 12.3 | 12.9 | 12.9 |
| 2400 | 13.0 | 12.8 | 12.7 | 12.9 | 12.2 | 12.1 | 12.9 | 12.9 |
| 2500 | | | | | | | | |

* RHGEMXT LOW LIM RETURN
* RHGEMWT LOW LIM RETURN