

January 22, 1999

Duke Energy Corporation  
ATTN: Mr. H. B. Barron  
Vice President  
McGuire Site  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

SUBJECT: MEETING SUMMARY - MCGUIRE NUCLEAR STATION (MNS)

Dear Mr. Barron:

This refers to the meeting that was conducted at your request in the Region II office on January 19, 1999, for you to present a self-assessment of McGuire Nuclear Station performance and future plant initiatives. A list of attendees and a copy of your presentation handout are enclosed.

It is our opinion that this meeting was beneficial in that it provided the NRC staff with a better understanding of McGuire Nuclear Station performance and your ongoing initiatives.

In accordance with Section 2.790(a) of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this meeting, please contact us.

Sincerely,

Original signed by:  
Charles R. Ogle, Chief  
Reactor Projects Branch 1  
Division of Reactor Projects

Docket Nos. 50-369, 50-370  
License Nos. NPF-9, NPF-17

Enclosures:

1. List of Attendees
2. Licensee Presentation Handouts

cc w/encs:

Michael T. Cash  
Regulatory Compliance  
Duke Energy Corporation  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

cc w/encs cont'd: (See page 2)

090016

9902090358 990122  
PDR ADOCK 05000369  
P PDR

IEYS

cc w/encl cont'd:

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Nuclear Regulatory Licensing  
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Charlotte, NC 28201-0006

Lisa F. Vaughn  
Legal Department (PB05E)  
Duke Energy Corporation  
422 South Church Street  
Charlotte, NC 28242-0001

J. Michael McGarry, III, Esq.  
Winston and Strawn  
1400 L Street, NW  
Washington, D. C. 20005

Mel Fry, Director  
Division of Radiation Protection  
N. C. Department of Environmental  
Health & Natural Resources  
3825 Barrett Drive  
Raleigh, NC 27609-7721

County Manager of Mecklenburg County  
720 East Fourth Street  
Charlotte, NC 28202

Steven P. Shaver  
Senior Sales Engineer  
Westinghouse Electric Company  
5929 Carnegie Boulevard, Suite 500  
Charlotte, NC 28209


Dr. John M. Barry, Director  
Mecklenburg County Department  
of Environmental Protection  
700 North Tryon Street  
Charlotte, NC 28203

Karen E. Long  
Assistant Attorney General  
N. C. Department of Justice  
P. O. Box 629  
Raleigh, NC 27602

Distribution w/encls:

L. Plisco, RII  
F. Rinaldi, NRR  
E. Lea, RII  
C. Ogle, RII  
C. Payne, RII  
PUBLIC

NRC Resident Inspector  
U.S. Nuclear Regulatory Commission  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

OFFICE	RII:NRC						
SIGNATURE							
NAME	ELea:sajw						
DATE	1/2/99	1/ /99	1/ /99	1/ /99	1/ /99	1/ /99	1/ /99
COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\MCGMTSUM.119

## LIST OF ATTENDEES

### NUCLEAR REGULATORY COMMISSION

L. Reyes, Regional Administrator, Region II (RII)  
J. Johnson, Deputy Regional Administrator, RII  
L. Plisco, Director, Division of Reactor Projects (DRP), RII  
C. Casto, Deputy Director, DRP, RII  
B. Mallett, Director, Division of Reactor Safety (DRS), RII  
C. Ogle, Chief, Branch 1, DRP, RII  
F. Rinaldi, Project Manager, NRR  
E. Lea, Project Engineer, DRP, RII  
R. Carroll, Project Engineer, DRP, RII  
S. Shaeffer, Senior Resident Inspector, McGuire Nuclear Station, RII  
M. Sykes, Resident Inspector, McGuire, RII  
R. Bernhard, Senior Reactor Analyst, DRS, RII  
J. Blake, Senior Project Manager, DRS, RII

### DUKE ENERGY CORPORATION - MCGUIRE NUCLEAR STATION (MNS)

H. Barron, Vice President, MNS  
M. Geddie, Station Manager, MNS  
B. Dolan, Safety Assurance Manager, MNS  
B. Peele, Manager, Engineering, MNS



# McGuire Update

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Introduction &  
1998 Results ..... Brew Barron

1999 Operational Plan &  
Initiatives.....Mac Geddie

Major Projects &  
Engineering Initiatives.....Jack Peele

Questions / Roundtable.....All



# McGuire 1998

## Production Performance

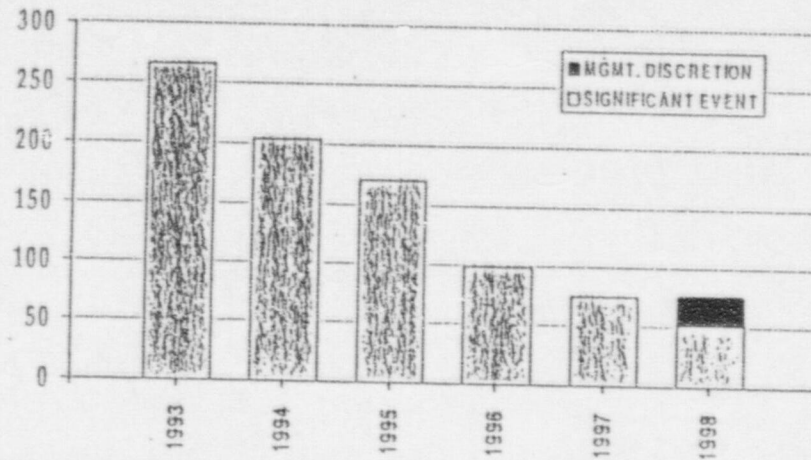
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	Generation Capacity Factor	Reactor Capacity Factor
Station 1998	97.3	93.6
Unit 1 1998	91.50	88.11
Unit 2 1998	103.03	99.11
Unit 1 Cycle 11	99.69	96.19
Unit 1 Cycle 12	100.22	97.32
Unit 2 Cycle 11	102.16	98.34

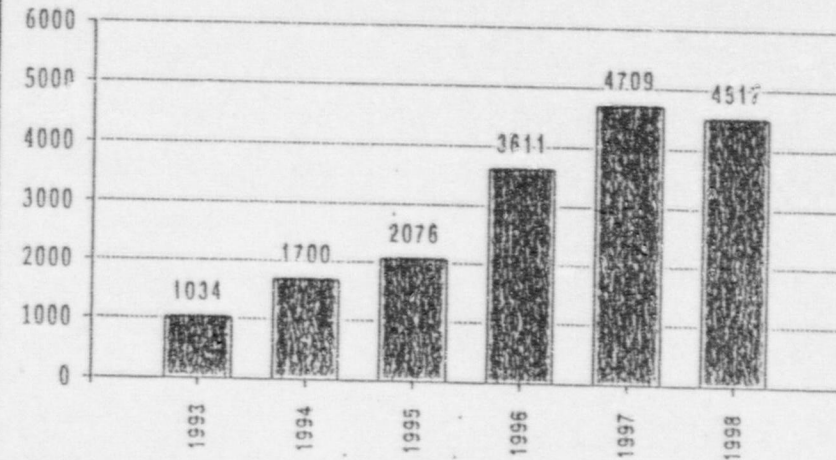
# CORRECTIVE ACTION PROGRAM

## MSE's BY YEAR

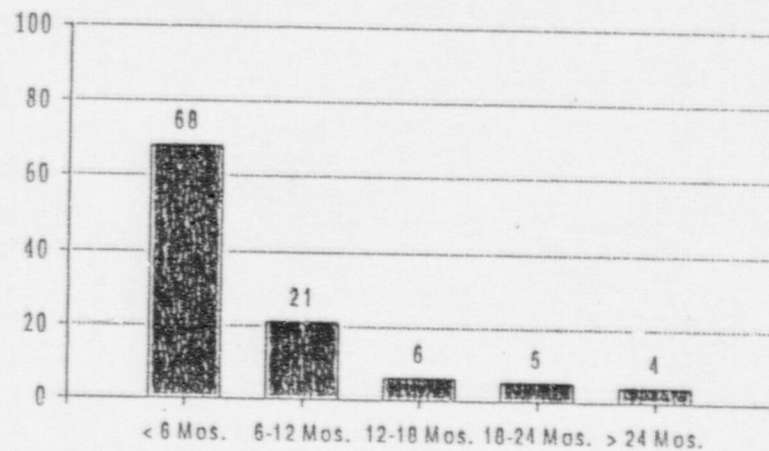


Excludes MSEs for Operability Only

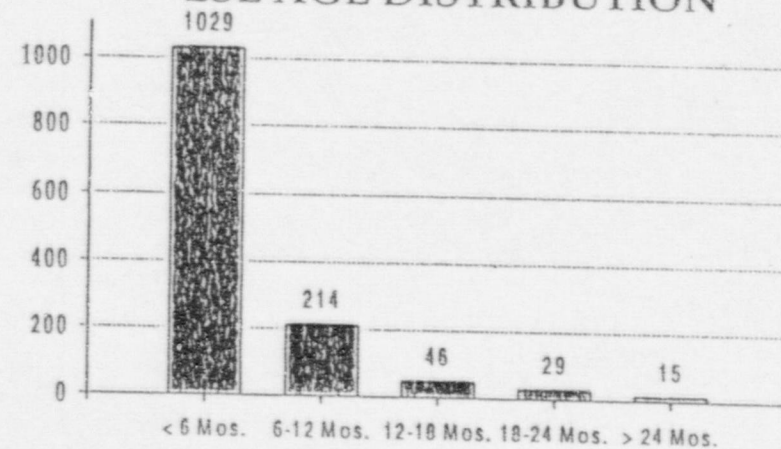
## LSE's BY YEAR



## MSE AGE DISTRIBUTION



## LSE AGE DISTRIBUTION



# 1999 Challenges

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- Two Refueling Outages
- “Event Free” Operation



## Unit 2 Refueling

- Crud Burst / Dose Challenge
- Ice Condenser Maintenance
- 2B Reactor Coolant Pump Motor Rewind
- KXA/KXB Modification

# Unit 2 Refueling

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*(continued)*

- Aux Feedwater Recirc Valves
- Feedwater Isolation Valve Modification
- Obsolete Equipment Replacement
- Focus on Quality

# Unit 1 Refueling

- Upper Internals Guide Tube Support Pin Replacements
- Cold Leg Injection Valve Replacements



# "Event Free" Operations

- Site Initiatives
- Operations Initiatives
- Maintenance Initiatives

# Site Initiatives

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- Human Performance
- Critical Self-Assessments
- Benchmarking Effectiveness
- Plant Labeling
- Mispositionings (5M)

# Operations Initiatives

- Conduct of Operations
- Time Critical Operator Tasks
- Hot License Exams
- Supervisor Skills



# Maintenance Initiatives

- Procedure Quality / Use
- Equipment Reliability
- FME
- Burden Reduction

# Engineering Major Projects

- Independent Spent Fuel Storage Installation
  - Licensing Issues
  - Construction Status

# Engineering Major Projects

*(continued)*

- Auxiliary Feedwater System Improvements
  - Pump Recirculation Valves
  - Suction Source



# Engineering Major Projects

*(continued)*

- Reactor Vessel Components
  - Part Length CRDM Housing Inspections
  - Upper Internals Guide Tube Support Pin Replacements
  - Baffle Bolt Assessment

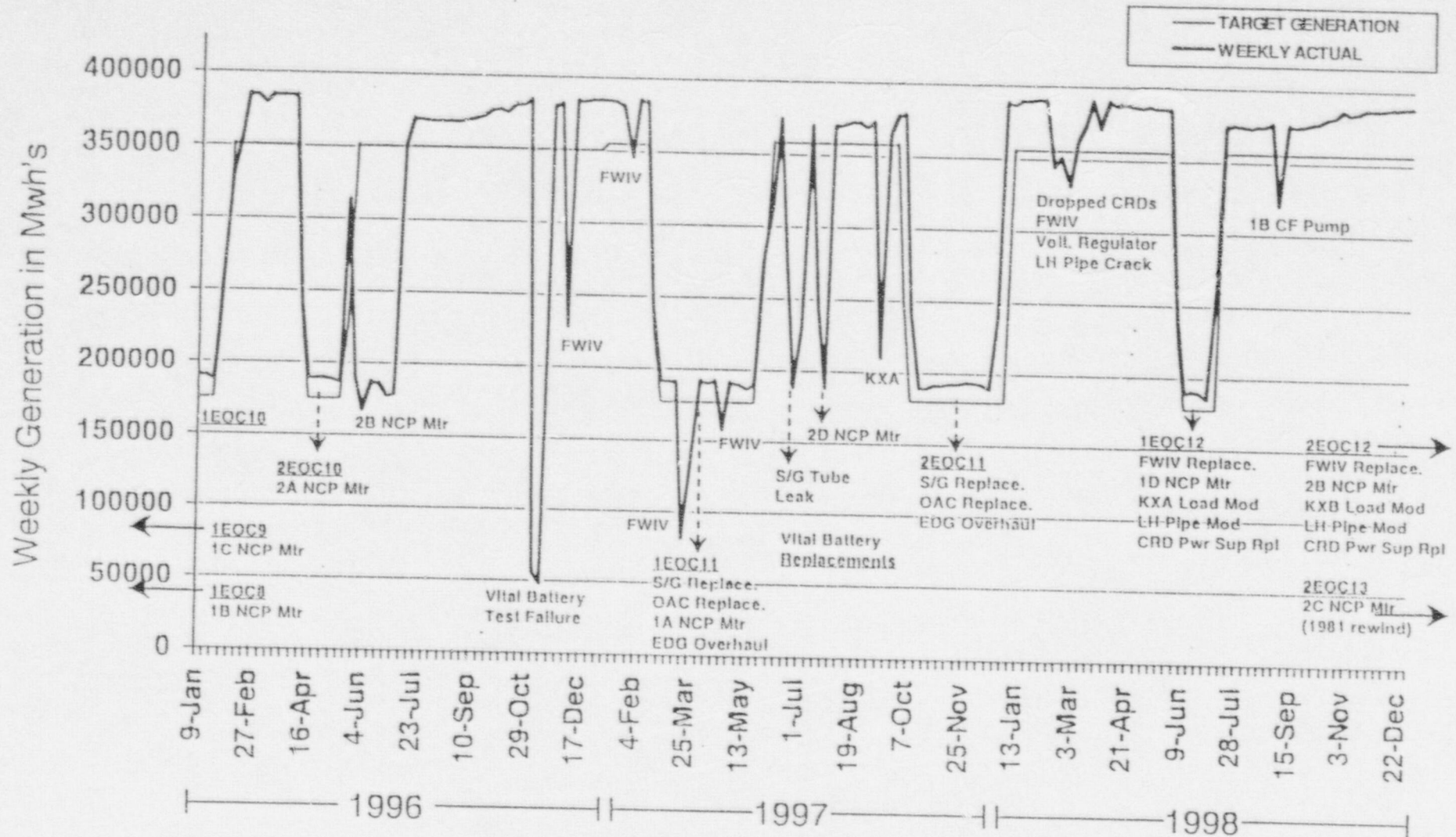
# Engineering Programs

- Fire Protection
  - Resolution of Degraded Barriers
  - Configuration Management
  - Duke ISFSI Style Assessment for 1st Qtr 1999
- Year 2000 Readiness
- Circuit Breakers / Relays
- UFSAR Review

# McGuire Nuclear Station

## GENERATION STATUS TRENDING

### 1996 - 1998 Actual vs. Target





# Questions / Roundtable

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