

**TRANSMITTAL OF MEETING HANDOUT MATERIALS FOR
IMMEDIATE PLACEMENT IN THE PUBLIC DOMAIN**

*This form is to be filled out (typed or hand-printed) by the person who announced the meeting (i.e., the person who issued the meeting notice). The completed form, and the attached copy of meeting handout materials, will be sent to the Document Control Desk on the same day of the meeting; under no circumstances will this be done later than the working day after the meeting.
Do not include proprietary materials.*

DATE OF MEETING

08/15/2003

The attached document(s), which was/were handed out in this meeting, is/are to be placed in the public domain as soon as possible. The minutes of the meeting will be issued in the near future. Following are administrative details regarding this meeting:

Docket Number(s) 50-269, 50-270, AND 50-287

Plant/Facility Name OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3

TAC Number(s) (if available) _____

Reference Meeting Notice JULY 21, 2003

Purpose of Meeting
(copy from meeting notice) TO DISCUSS THE STATUS OF LICENSING ACTIONS

NAME OF PERSON WHO ISSUED MEETING NOTICE

L. N. OLSHAN

TITLE

PROJECT MANAGER

OFFICE

NRR

DIVISION

DLPM

BRANCH

PD II-1

Distribution of this form and attachments:

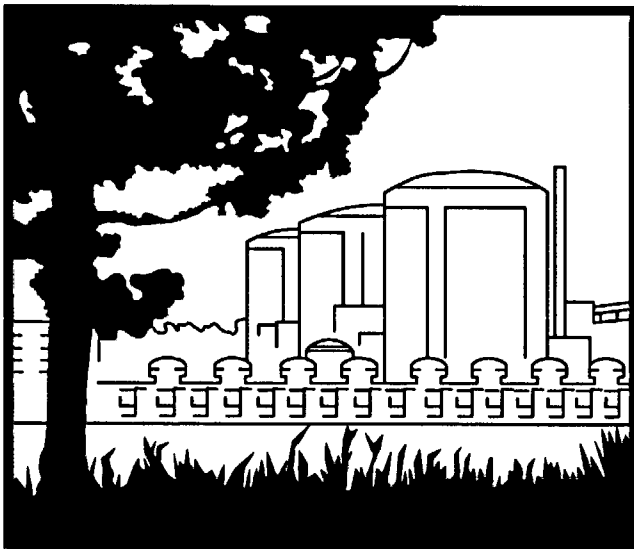
Docket File/Central File

PUBLIC

DF01



Oconee Nuclear Site



NRR Update
August 15, 2003
Larry Nicholson

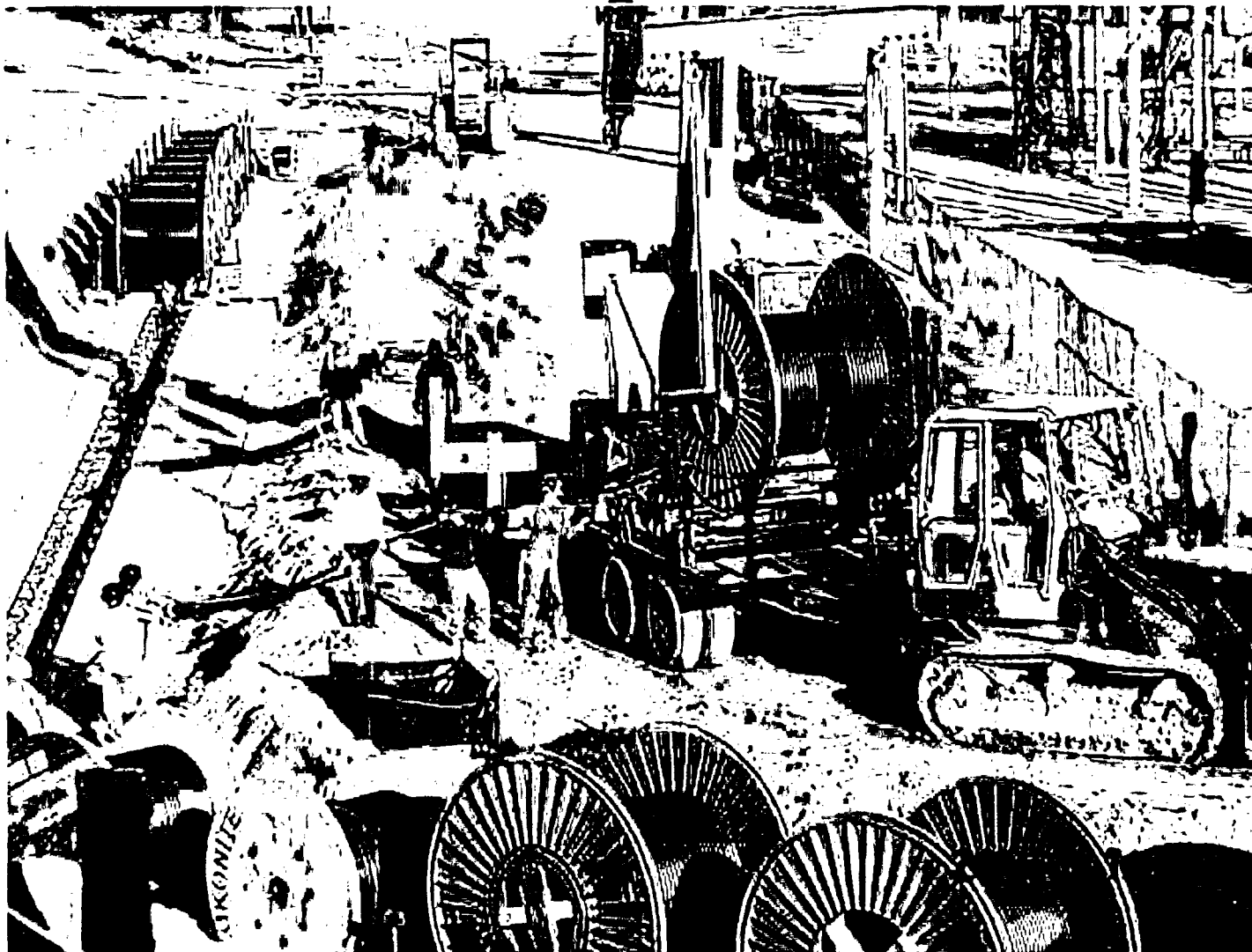


Recent Performance Highlights

- Achieved outstanding INPO Rating
- Implemented New Emergency Operating Procedures
- Daily Schedule Effectiveness Routinely $\geq 95\%$
- Corrective Work Order Inventory < 60 and Those Greater Than 180 Days Old < 20
- Human Performance Indicators (MISPOs, Rework, Etc) Trending in Right Direction

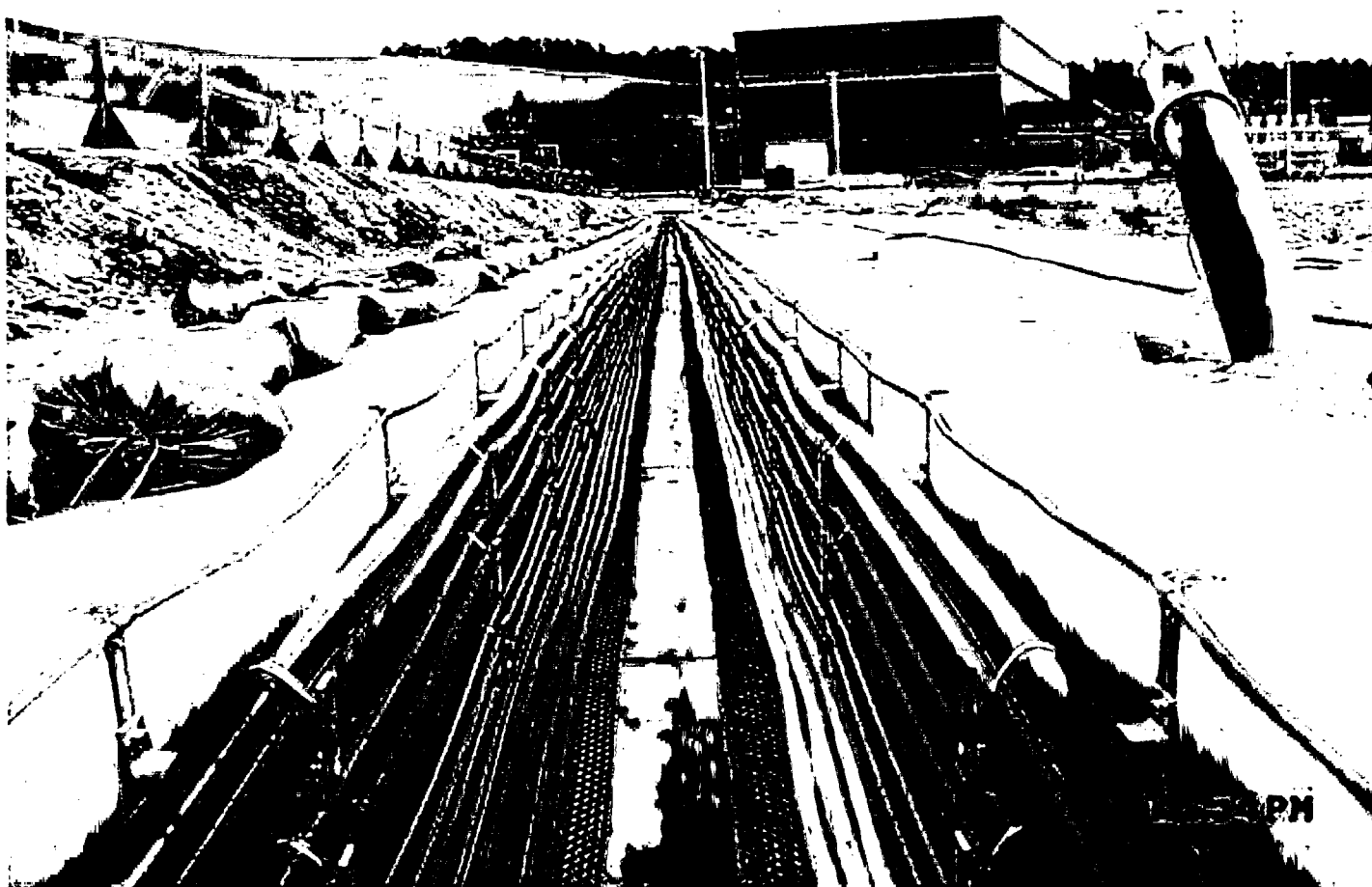


Underground Power Path Replacement



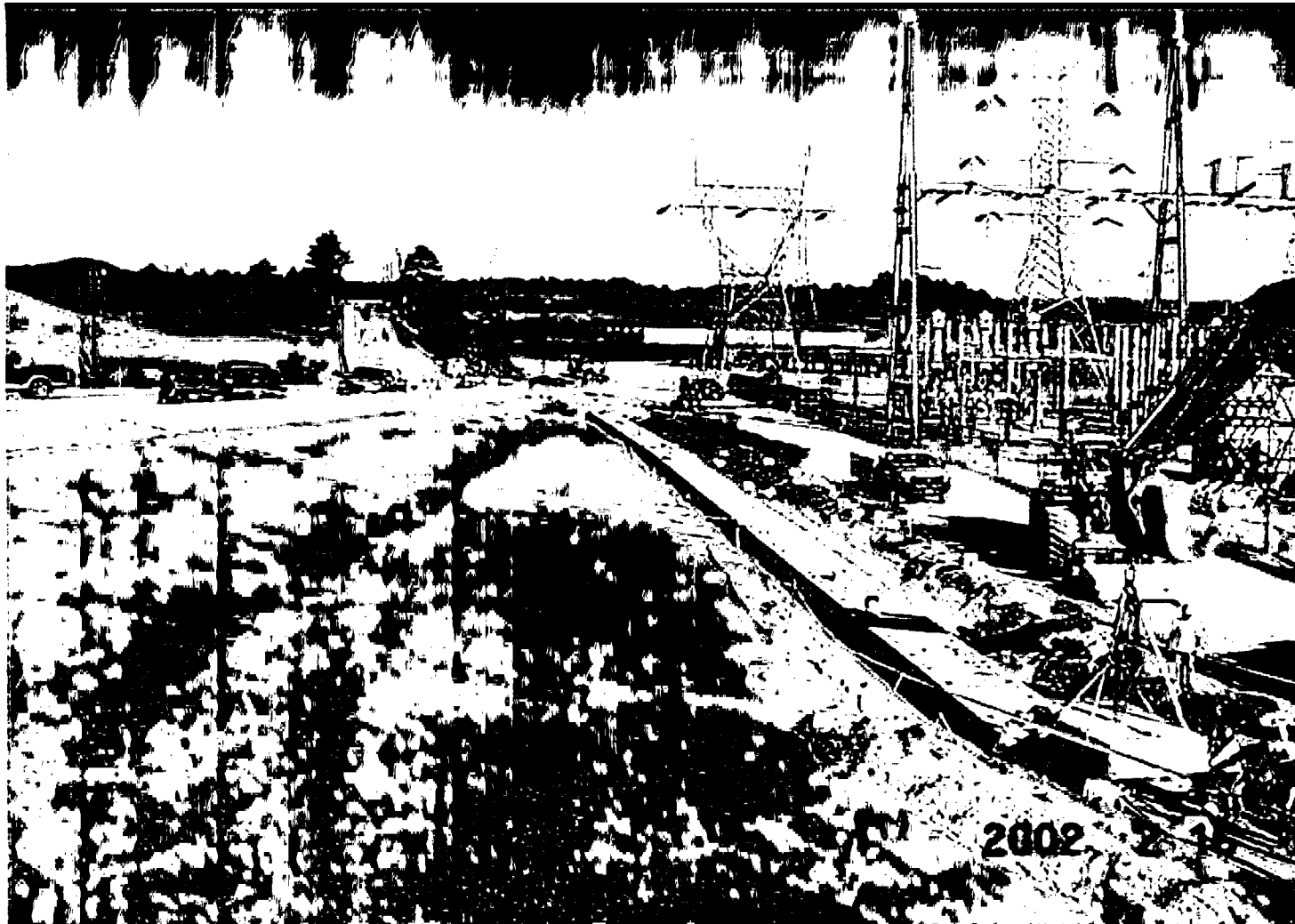


Underground Power Path Replacement





Underground Power Path Replacement





Plant Infrastructure Upgrade





Major Challenges 2003-2004

- New Reactor Vessel Head Installation
- New OTSG Installation
- Keowee Upgrades
- Modifications to ECCS



Major Challenges 2003-2004

- Control Room Outside Air Intake Relocation
- Upper Surge Tank Mods
- Addition of 600 Volt Capacity
- New Digital EHC Controls
- ISFSI Phase 5



ONS Design Basis Initiative

- Mission
 - Provide a focused review of the design basis & implement enhancements to improve design margins and reduce plant risk
- Scope established based on:
 - Key safety systems
 - Event mitigation strategies
 - Design criteria / Design control
 - Risk insights



ONS Design Basis Initiative

- Completed Design Basis Studies
 - Single Failure Analysis – 9 Key Systems
 - ECCS Design Study
 - Comprehensive Assessment on Key Safety Systems
 - Identify & Assess Risk Significant Operator Actions
 - ONS Specific Seal LOCA Model
 - Assessment to Validate Project Scope
 - Confirmed via Independent Consultant



ONS Design Basis Initiative

- Completed Significant Plant Modifications
 - Service Water Mods
 - U1 RCP Seal Upgrade
 - SQUG Mods
 - AFIS
 - KHU Aux Power
 - LPSW Auto-Start



ONS Design Basis Initiative

- Improve Operator Interface
 - Complete EOP Rewrite to 2-Column Format
 - Improve/Eliminate Time Critical Operator Actions
 - Strengthened Configuration Management Program
- Improve Engineering Interface
 - Calculation Program Upgrade
 - Improved Design Basis Document (DBD)



ONS Design Basis Initiative

- Establish Licensing Basis Foundation (completed)
 - Safety-Related Classification (OSRDC)
 - Conversion to Improved Tech Specs
 - UFSAR Reverification
 - Chapter 15 Non-LOCA Accident Reanalysis
 - Emergency Power Study
 - EFW UFSAR Rewrite



ONS Design Basis Initiative

- Establish Licensing Basis Foundation (ongoing)
 - Tornado Licensing Basis Submittal
 - Control Room Habitability Submittal
 - Generic Letter 96-06 Submittal
 - Aux Building Flooding Submittal
 - HELB Submittal



Future Focus Areas

- Oconee's self assessment identified the following areas for additional review/initiatives
 - Seismic risk
 - SSF Reliability
 - Appendix R
 - Turbine Building flooding
 - External flooding
 - Containment isolation
 - Spent Fuel Pool cooling
- Lower level issues identified through the assessment are being resolved through the corrective action program



Licensing Challenges

- Oconee Facts
 - Designed & Licensed Prior to Establishment of Contemporary Requirements
 - Large Break LOCA was Bounding
 - Safety-related used for LBLOCA only
 - Diversity versus Redundancy
 - Distinction Between Ch.15 Accidents and Other Events
 - Non-Chapter 15 scenarios were not analyzed & designed with comparable rigor



Licensing Challenges

- Oconee Facts (continued)
 - Unique; non-Westinghouse, Non-SRP
 - Historical Documentation Not Comprehensive
 - SERs Did Not Fully Document What Was Actually Found Acceptable
 - Post-TMI Requirements Did Not Mandate Compliance with the SRP



Closing Remarks