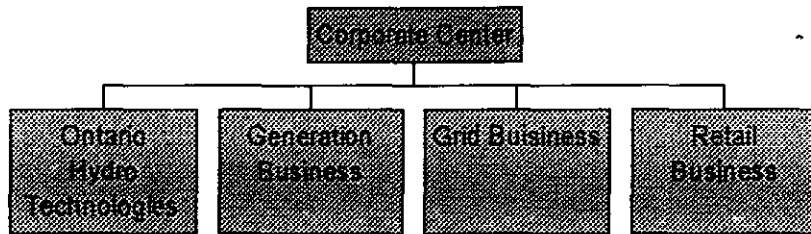


Ontario Hydro Organization



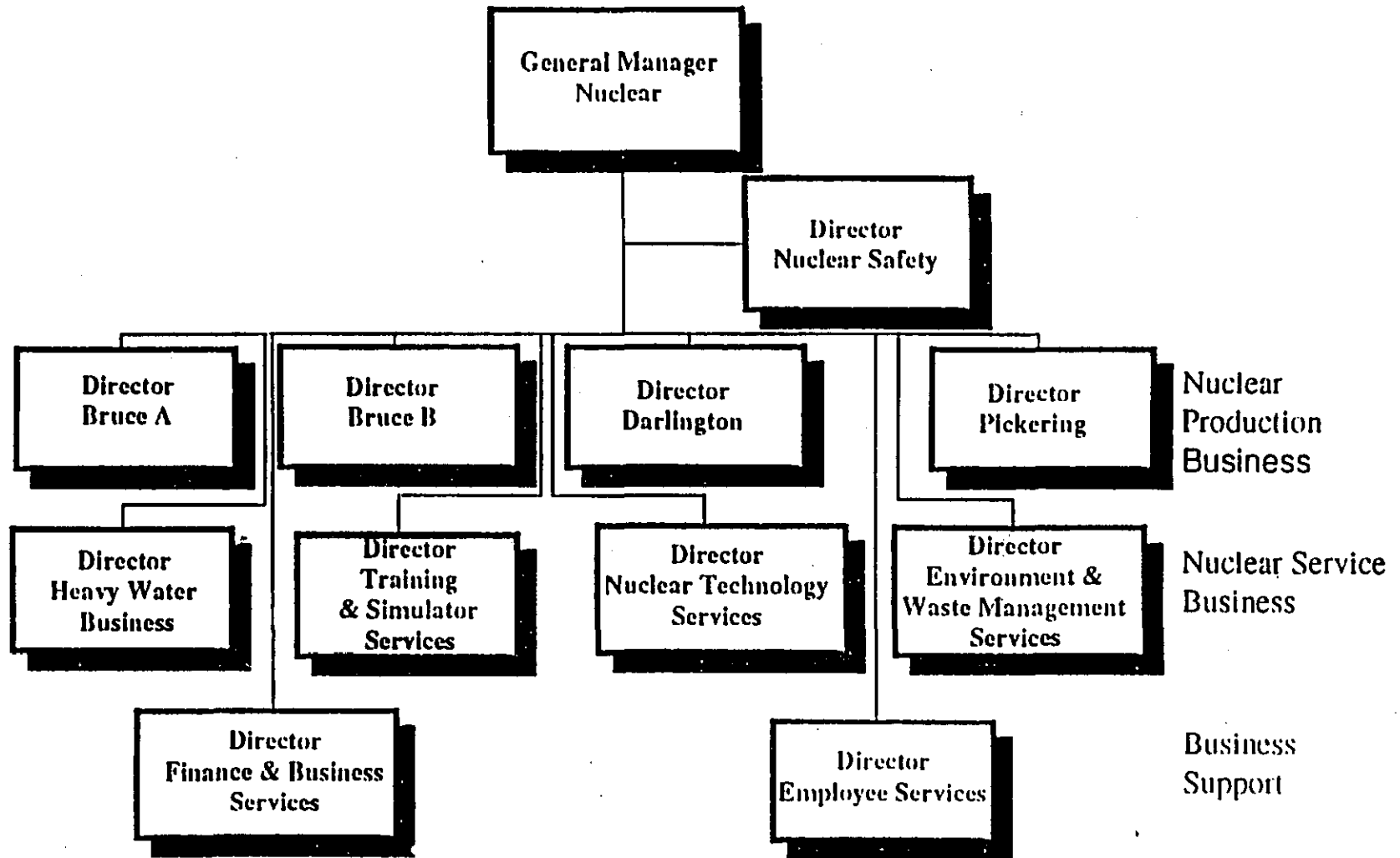
Comparison of Ontario Hydro Nuclear Generating Stations

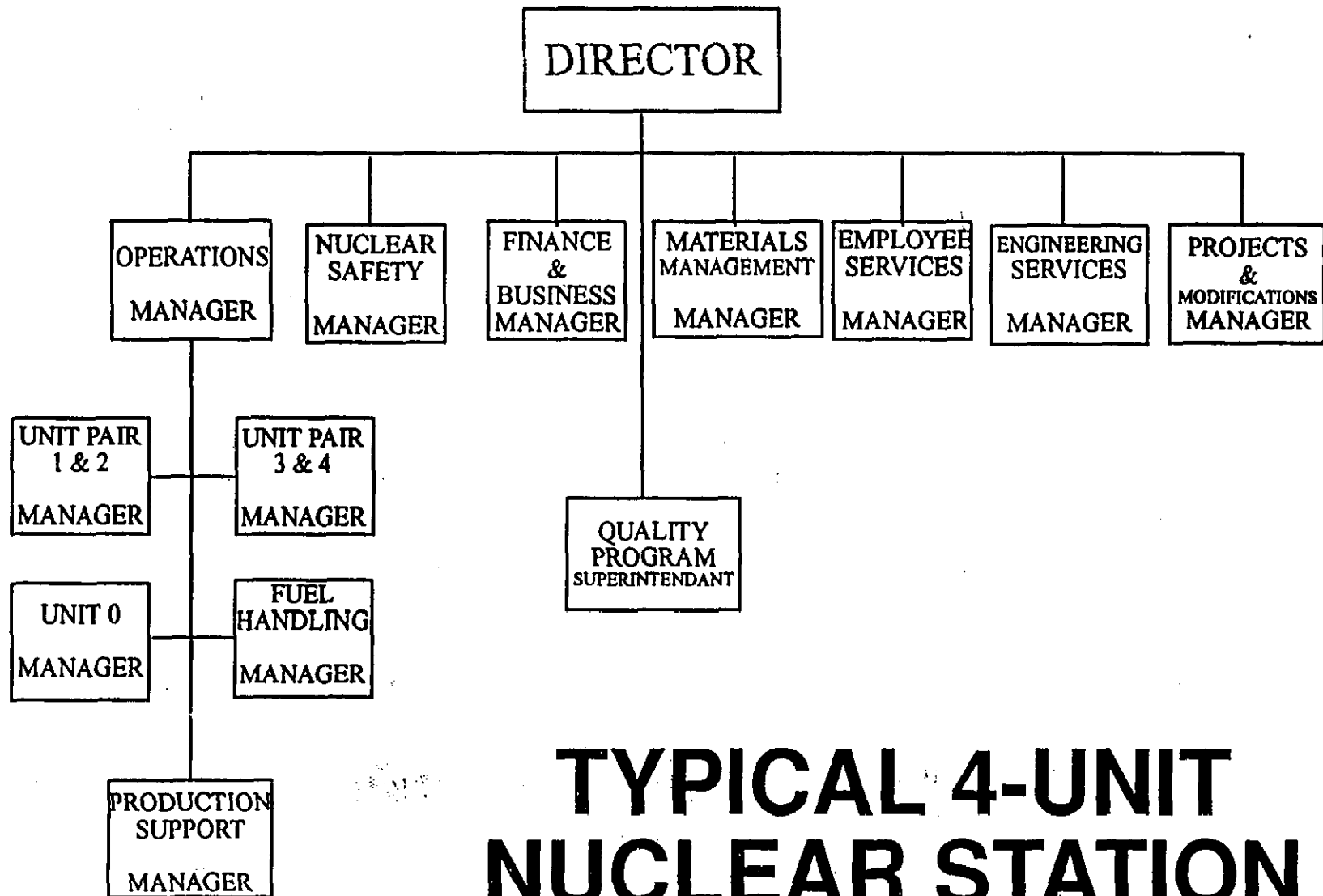
Station	Pickering	Bruce	Darlington
Units	8	8	4
Net Mwe to grid	508	750	881
Boilers	12	8	4
Fuel Channels	380	480	480
Efficiency (%)	29.1	29.1	31.7

Comparison of Ontario Hydro Nuclear Generating Stations

Station	Pickering	Bruce	Darlington
Units	8	8	4
Net Mwe to grid	508	750	881
Boilers	12	8	4
Fuel Channels	380	480	480
Efficiency (%)	29.1	29.1	31.7

Ontario Hydro Nuclear Organizational Chart





TYPICAL 4-UNIT NUCLEAR STATION ORGANIZATION

OHN Business Organization

Nuclear-electric Generation
Managed Process

QANEDU Overview Slide 1 QANEDU Per Org

Generic Managed Process

- ◆ Vision/Mission Statement
- ◆ Goals & Objectives
- ◆ Primary Delivery Functions
- ◆ Strategy
 - Resources/budget
 - Organization
 - roles & responsibilities
 - Control
 - KRAs, performance measures, standards, targets
 - Performance monitoring
 - Corrective Action

QANEDU Overview Slide 2 QANEDU Per Org

Key Results Areas

- ◆ Worker Safety
- ◆ Nuclear Safety
- ◆ Business Performance
- ◆ Production of Electricity
- ◆ Employee Satisfaction
- ◆ Sustainable Development

QANEDU Overview Slide 3 QANEDU Per Org

Station Primary Delivery Functions

- ◆ Produce electricity
- ◆ Commission new facilities
- ◆ Provide feedback
- ◆ Train Staff
- ◆ Upgrade D₂O
- ◆ Detritiate D₂O (DNGD)

QANEDU Overview Slide 4 QANEDU Per Org

Operations Functions

- ◆ Systems/Equipment
 - Commission/operate/maintain
 - calibration, testing
- ◆ Work protection
- ◆ Chemical sampling/analysis
- ◆ Housekeeping
- ◆ Security
- ◆ Authorize O&M procedures
- ◆ O&M technical support
- ◆ Field training

QANEDU Overview Slide 5 QANEDU Per Org

Engineering Services

- ◆ Specialized technical support
 - reliability analysis
 - mech./elect./nuclear engineering
 - computers/control systems
 - chemical control
- ◆ System modifications
- ◆ System surveillance
- ◆ Work plans
- ◆ O&M procedures
- ◆ Problem solving

QANEDU Overview Slide 6 QANEDU Per Org

Finance & Business Services

- ◆ Strategic & financial planning
- ◆ Performance improvement
- ◆ Financial services
- ◆ Information management
- ◆ Workplace services
- ◆ Administrative support

CANDU Overview Slide 7 CANDU/Gen 0/2

Quality Assurance

- ◆ Manage station QA program
 - procurement
 - Design & construction
 - Commissioning & Operation
- ◆ QA policies & procedures
- ◆ Corrective action program-
- ◆ Facilitate external audits
- ◆ Consult on QA, codes & standards

CANDU Overview Slide 8 CANDU/Gen 0/2

Nuclear Safety

- ◆ Safety analysis/risk assessment
- ◆ Advise Management
 - performance trends
 - licensing issues
- ◆ HPES/root cause investigations
- ◆ Emergency preparedness
- ◆ Health Physics program
- ◆ Operating Experience program
- ◆ Fuel & Physics
- ◆ Documentation (QTR, AIM, OP&P, Safety Report)

CANDU Overview Slide 9 CANDU/Gen 0/2

Projects & Modifications Dep't

- ◆ Design, install & commission
- ◆ Project management
- ◆ Documentation
- ◆ Training

CANDU Overview Slide 10 CANDU/Gen 0/2

Materials Management

- ◆ Procurement
- ◆ Warehousing & shipping
- ◆ Manage spare parts program
 - re-order points/quantities
- ◆ Administer contracts
- ◆ MM strategies
 - EQ waste minimization

CANDU Overview Slide 11 CANDU/Gen 0/2

Employee Services

- ◆ Line Management services
 - Hiring
 - Human relations training
 - Labour relations/grievances
 - policy development
 - EAP/Human rights/Rehab
 - wage & salary administration
- ◆ Employee communications
- ◆ conventional & radiation safety at Dartington

CANDU Overview Slide 12 CANDU/Gen 0/2

Fuel Handling

- ◆ Technical Support
 - O&M documentation
 - performance reporting
 - design & engineering services
- ◆ Maintenance
 - all F/H facilities
 - decontamination facility
- ◆ Operations
- ◆ Planning
 - daily work plan
 - performance reports

CAHRED Overview

Slide 11

CAHRED User Dig

Tritium Removal & HWM (DNGD)

- ◆ Technical Support
- ◆ Operations
- ◆ Maintenance
- ◆ Planning

CAHRED Overview

Slide 14

CAHRED User Dig